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## ERCC1 mouse mAb(PT0756)

Isotype   IgG		
Applications WB;IF  Gene Name ERCC1  Protein Name ERCC1  Immunogen Synthesized peptide derived from human ERCC1  Specificity This antibody detects endogenous levels of human ERCC1  Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source Mouse, Monoclonal/IgG1, Kappa  Purification The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.  Dilution WB 1:500-2000, IF 1:100-300  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms DNA excision repair protein ERCC-1  Observed Band  Cell Pathway [Isoform 1]: Nucleus .; [Isoform 2]: Cytoplasm . Nucleus .; [Isoform 3]: Nucleus .; Tissue Specificity  Cerebellum, Lung, Ovarian cancer, Uterus,  disease:Defects in ERCC1 are the cause of cerebro-oculo-facio-skeletal syndrome type 4 (COFS4) [MIM:610758]. COFS is a degenerative autosomal recessive disorder of prenatal onset affecting the brain, eye and spinal cord. Afte birth, it leads to brain atomy, hypotonia, cataracts, microcornea, optic atrophy, progressive joint contractures and growth failure. Facial dysmorphism is a constant feature. Abnormalities of the skull, eyes limbs, heart and kidney also occur. function: Structure-specific DNA repair endonuclease responsible for the 5-incision during DNA repair, similarity. Belong to the ERCC1 are alto formed by electrophilic compounds including cisplatin. The encoded protein form a heterodimer with the XPF endonuclease (also known as ERCC4), and the	Catalog No	YP-Ab-01179
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Protein Name ERCC1  Immunogen Synthesized peptide derived from human ERCC1  Specificity This antibody detects endogenous levels of human ERCC1  Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source Mouse, Monoclonal/IgG1, Kappa  Purification The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.  Dilution WB 1:500-2000, IF 1:100-300  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms DNA excision repair protein ERCC-1  Observed Band  Cell Pathway [Isoform 1]: Nucleus .; [Isoform 2]: Cytoplasm . Nucleus .; [Isoform 3]: Nucleus .; [Isoform 4]: Nucleus .;  Tissue Specificity Cerebellum,Lung,Ovarian cancer,Uterus,  disease:Defects in ERCC1 are the cause of cerebro-oculo-facio-skeletal syndrome type 4 (COFS4) [MIM:610758], COFS is a degenerative autosomal recessive disorder of prenatal onset affecting the brain. eye and spinal cord. Afte birth, it leads to brain atrophy, hypoplasia of the corpus callosum, hypotonia, cataracts, microcornea, optic atrophy, progressive joint contractures and growth failure. Facial dysmorphism is a constant feature. Abnormalities of the skull, eyes limbs, heart and kidney also occur, function. Structure-specific DNA repair endonuclease responsible for the 5'-incision during DNA repair, similarity:Belong to the ERCC1/RAD10/SWI10 family., subunit:Heterodimer composed of ERCC1 and XPF/ERRC4.  The product of this gene functions in the nucleotide excision repair pathway, an is required for the repair of DNA lesions such as those induced by UV light of formed by electrophilic compounds including cisplatin. The encoded protein form a heterodimer with the XPF endonuclease alkso known as ERCC4), and the	Reactivity	Human
Immunogen   Synthesized peptide derived from human ERCC1	Applications	WB;IF
Immunogen   Synthesized peptide derived from human ERCC1	Gene Name	ERCC1
Specificity This antibody detects endogenous levels of human ERCC1  Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source Mouse, Monoclonal/IgG1, Kappa  Purification The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.  Dilution WB 1:500-2000, IF 1:100-300  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms DNA excision repair protein ERCC-1  Observed Band  Cell Pathway [Isoform 1]: Nucleus :, [Isoform 2]: Cytoplasm . Nucleus :, [Isoform 3]: Nucleus :, Issue Specificity Cerebellum,Lung,Ovarian cancer,Uterus,  disease:Defects in ERCC1 are the cause of cerebro-oculo-facio-skeletal syndrome type 4 (COFS4) [MIM:610758]. COFS is a degenerative autosomal recessive disorder of prenatal onset affecting the brain, eye and spinal cord. Afte birth, it leads to brain atrophy, hypoplasia of the corpus callosum, hypotonia, cataracts, microcornea, optic atrophy, progressive joint contractures and growth failure. Facial dysmorphism is a constant feature. Abnormalities of the skull, eyes limbs, heart and kidney also occur. function:Structure-specific DNA repair, similarity. Belong to the ERCC1/RaD10/SWI10 family, subunit:Heterodimer composed of ERCC1 and XPF/ERRC4.,  The product of this gene functions in the nucleotide excision repair pathway, an is required for the repair of DNA lesions such as those induced by UV light or formed by electrophilic compounds including cisplatin. The encoded protein form a heterodimer with the XPF endonuclease (also known as ERCC4), and the	Protein Name	ERCC1
Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Mouse, Monoclonal/IgG1, Kappa  The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.  Dilution WB 1:500-2000, IF 1:100-300  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms DNA excision repair protein ERCC-1  Observed Band  Cell Pathway [Isoform 1]: Nucleus .; [Isoform 2]: Cytoplasm . Nucleus .; [Isoform 3]: Nucleus .; [Isoform 4]: Nucleus .  Tissue Specificity Cerebellum,Lung,Ovarian cancer,Uterus,  disease:Defects in ERCC1 are the cause of cerebro-oculo-facio-skeletal syndrome type 4 (COFS4) [MIM:610758]. COFS is a degenerative autosomal recessive disorder of prenatal onset affecting the brain, eye and spinal cord. Afte birth, it leads to brain atrophy, hypoplasia of the corpus callosum, hypotonia, cataracts, microcornea, optic atrophy, progressive joint contractures and growth failure. Facial dysmorphism is a constant feature. Abnormalities of the skull, eyes limbs, heart and kidney also occur. function:Structure-specific DNA repair endonuclease responsible for the 5'-incision during DNA repair, similarity.Belong to the ERCC1/RAD10/SWI10 family. subunit:Heterodimer composed of ERCC1 and XPF/ERRC4.,  The product of this gene functions in the nucleotide excision repair pathway, an is required for the repair of DNA lesions such as those induced by UV light or formed by electrophilic compounds including cisplatin. The encoded protein form a heterodimer with the XPF endonuclease (also known as ERCC4), and the	Immunogen	Synthesized peptide derived from human ERCC1
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Purification  The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.  WB 1:500-2000, IF 1:100-300  Concentration  1 mg/ml  Purity  ≥90%  Storage Stability  -20°C/1 year  Synonyms  DNA excision repair protein ERCC-1  Observed Band  Cell Pathway  [Isoform 1]: Nucleus .; [Isoform 2]: Cytoplasm . Nucleus .; [Isoform 3]: Nucleus .; [Isoform 4]: Nucleus .  Tissue Specificity  Cerebellum,Lung,Ovarian cancer,Uterus,  disease:Defects in ERCC1 are the cause of cerebro-oculo-facio-skeletal syndrome type 4 (COFS4) [MiM:610758]. COFS is a degenerative autosomal recessive disorder of prenatal onset affecting the brain, eye and spinal cord. Afte birth, it leads to brain atrophy, hypoplasia of the corpus callosum, hypotonia, cataracts, microcornea, optic atrophy, progressive joint contractures and growth failure. Facial dysmorphism is a constant feature. Abnormalities of the skull, eyes limbs, heart and kidney also occur, function:Structure-specific DNA repair endonuclease responsible for the 5'-incision during DNA repair, similarity. Belong to the ERCC1/RAD10/SWI10 family., subunit:Heterodimer composed of ERCC1 and XPF/ERRC4.,  The product of this gene functions in the nucleotide excision repair pathway, an is required for the repair of DNA lesions such as those induced by UV light or formed by electrophilic compounds including cisplatin. The encoded protein form a heterodimer with the XPF endonuclease (also known as ERCC4), and the	Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
using specific immunogen.  Dilution WB 1:500-2000, IF 1:100-300  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms DNA excision repair protein ERCC-1  Observed Band  Cell Pathway [Isoform 1]: Nucleus .; [Isoform 2]: Cytoplasm . Nucleus .; [Isoform 3]: Nucleus .; [Isoform 4]: Nucleus .  Tissue Specificity Cerebellum,Lung,Ovarian cancer,Uterus,  function disease:Defects in ERCC1 are the cause of cerebro-oculo-facio-skeletal syndrome type 4 (COFS4) [MIM:610758]. COFS is a degenerative autosomal recessive disorder of prenatal onset affecting the brain, eye and spinal cord. Afte birth, it leads to brain atrophy, hypoplasia of the corpus callosum, hypotonia, cataracts, microcornea, optic atrophy, progressive joint contractures and growth failure. Facial dysmorphism is a constant feature. Abnormalities of the skull, eyes limbs, heart and kidney also occur.,function:Structure-specific DNA repair endonuclease responsible for the 5'-incision during DNA repair, similarity:Belong to the ERCC1/RAD10/SWI10 family.,subunit:Heterodimer composed of ERCC1 and XPF/ERRC4.  Background The product of this gene functions in the nucleotide excision repair pathway, an is required for the repair of DNA lesions such as those induced by UV light or formed by electrophilic compounds including cisplatin. The encoded protein form a heterodimer with the XPF endonuclease (also known as ERCC4), and the	Source	Mouse, Monoclonal/IgG1, Kappa
Purity ≥90%  Storage Stability -20°C/1 year  Synonyms DNA excision repair protein ERCC-1  Observed Band  Cell Pathway [Isoform 1]: Nucleus .; [Isoform 2]: Cytoplasm . Nucleus .; [Isoform 3]: Nucleus .; [Isoform 4]: Nucleus .  Tissue Specificity Cerebellum,Lung,Ovarian cancer,Uterus,  Function disease:Defects in ERCC1 are the cause of cerebro-oculo-facio-skeletal syndrome type 4 (COFS4) [MIM:610758]. COFS is a degenerative autosomal recessive disorder of prenatal onset affecting the brain, eye and spinal cord. Afte birth, it leads to brain atrophy, hypoplasia of the corpus callosum, hypotonia, cataracts, microcornea, optic atrophy, progressive joint contractures and growth failure. Facial dysmorphism is a constant feature. Abnormalities of the skull, eyes limbs, heart and kidney also occur, function: Structure-specific DNA repair endonuclease responsible for the 5'-incision during DNA repair, similarity:Belong to the ERCC1/RAD10/SWI10 family.,subunit:Heterodimer composed of ERCC1 and XPF/ERRC4.,  The product of this gene functions in the nucleotide excision repair pathway, an is required for the repair of DNA lesions such as those induced by UV light or formed by electrophilic compounds including cisplatin. The encoded protein form a heterodimer with the XPF endonuclease (also known as ERCC4), and the	Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
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Synonyms  DNA excision repair protein ERCC-1  Observed Band  Cell Pathway  [Isoform 1]: Nucleus .; [Isoform 2]: Cytoplasm . Nucleus .; [Isoform 3]: Nucleus .; [Isoform 4]: Nucleus .  Tissue Specificity  Cerebellum,Lung,Ovarian cancer,Uterus,  Function  disease:Defects in ERCC1 are the cause of cerebro-oculo-facio-skeletal syndrome type 4 (COFS4) [MIM:610758]. COFS is a degenerative autosomal recessive disorder of prenatal onset affecting the brain, eye and spinal cord. Afte birth, it leads to brain atrophy, hypoplasia of the corpus callosum, hypotonia, cataracts, microcornea, optic atrophy, progressive joint contractures and growth failure. Facial dysmorphism is a constant feature. Abnormalities of the skull, eyes limbs, heart and kidney also occur.,function:Structure-specific DNA repair endonuclease responsible for the 5'-incision during DNA repair,.similarity:Belong to the ERCC1/RAD10/SWI10 family.,subunit:Heterodimer composed of ERCC1 and XPF/ERRC4.,  The product of this gene functions in the nucleotide excision repair pathway, and is required for the repair of DNA lesions such as those induced by UV light or formed by electrophilic compounds including cisplatin. The encoded protein form a heterodimer with the XPF endonuclease (also known as ERCC4), and the	Concentration	1 mg/ml
Synonyms  DNA excision repair protein ERCC-1  Observed Band  Cell Pathway  [Isoform 1]: Nucleus .; [Isoform 2]: Cytoplasm . Nucleus .; [Isoform 3]: Nucleus .; [Isoform 4]: Nucleus .;  Tissue Specificity  Cerebellum,Lung,Ovarian cancer,Uterus,  Function  disease:Defects in ERCC1 are the cause of cerebro-oculo-facio-skeletal syndrome type 4 (COFS4) [MIM:610758]. COFS is a degenerative autosomal recessive disorder of prenatal onset affecting the brain, eye and spinal cord. Afte birth, it leads to brain atrophy, hypoplasia of the corpus callosum, hypotonia, cataracts, microcornea, optic atrophy, progressive joint contractures and growth failure. Facial dysmorphism is a constant feature. Abnormalities of the skull, eyes limbs, heart and kidney also occur.,function:Structure-specific DNA repair endonuclease responsible for the 5'-incision during DNA repair,.similarity:Belong to the ERCC1/RAD10/SWI10 family.,subunit:Heterodimer composed of ERCC1 and XPF/ERRC4.,  The product of this gene functions in the nucleotide excision repair pathway, and is required for the repair of DNA lesions such as those induced by UV light or formed by electrophilic compounds including cisplatin. The encoded protein form a heterodimer with the XPF endonuclease (also known as ERCC4), and the	Purity	≥90%
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[Isoform 4]: Nucleus .  Cerebellum,Lung,Ovarian cancer,Uterus,  disease:Defects in ERCC1 are the cause of cerebro-oculo-facio-skeletal syndrome type 4 (COFS4) [MIM:610758]. COFS is a degenerative autosomal recessive disorder of prenatal onset affecting the brain, eye and spinal cord. Afte birth, it leads to brain atrophy, hypoplasia of the corpus callosum, hypotonia, cataracts, microcornea, optic atrophy, progressive joint contractures and growth failure. Facial dysmorphism is a constant feature. Abnormalities of the skull, eyes limbs, heart and kidney also occur.,function:Structure-specific DNA repair endonuclease responsible for the 5'-incision during DNA repair.,similarity:Belong to the ERCC1/RAD10/SWI10 family.,subunit:Heterodimer composed of ERCC1 and XPF/ERRC4.,  The product of this gene functions in the nucleotide excision repair pathway, and is required for the repair of DNA lesions such as those induced by UV light or formed by electrophilic compounds including cisplatin. The encoded protein form a heterodimer with the XPF endonuclease (also known as ERCC4), and the	Observed Band	
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is required for the repair of DNA lesions such as those induced by UV light or formed by electrophilic compounds including cisplatin. The encoded protein form a heterodimer with the XPF endonuclease (also known as ERCC4), and the	Function	syndrome type 4 (COFS4) [MIM:610758]. COFS is a degenerative autosomal recessive disorder of prenatal onset affecting the brain, eye and spinal cord. After birth, it leads to brain atrophy, hypoplasia of the corpus callosum, hypotonia, cataracts, microcornea, optic atrophy, progressive joint contractures and growth failure. Facial dysmorphism is a constant feature. Abnormalities of the skull, eyes limbs, heart and kidney also occur.,function:Structure-specific DNA repair endonuclease responsible for the 5'-incision during DNA repair.,similarity:Belongs to the ERCC1/RAD10/SWI10 family.,subunit:Heterodimer composed of ERCC1
	Background	formed by electrophilic compounds including cisplatin. The encoded protein forms a heterodimer with the XPF endonuclease (also known as ERCC4), and the



attention

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	excising the DNA lesion. The heterodimeric endonuclease is also involved in recombinational DNA repair and in the repair of inter-strand crosslinks. Mutations in this gene result in cerebrooculofacioskeletal syndrome, and polymorphisms that alter expression of this gene may play a role in carcinogenesis. Multiple transcript variants encoding different isoforms have been found for this gene. The last exon of this gene overlaps with the CD3e molecule, epsilon associated protein ge
matters needing	Avoid repeated freezing and thawing!

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel. **Usage suggestions** 

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