



## Oct-2 mouse mAb(ABT211)

<b>Catalog No</b>	YP-Ab-15526
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse
<b>Applications</b>	IHC;IF
<b>Gene Name</b>	POU2F2 OCT2 OTF2
<b>Protein Name</b>	45201
<b>Immunogen</b>	Synthesized peptide derived from human Oct-2
<b>Specificity</b>	The antibody can specifically recognize human Oct-2 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.74% sodium azide.
<b>Source</b>	Mouse, Monoclonal/IgG2b, kappa
<b>Purification</b>	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
<b>Dilution</b>	IHC-p 1:100-500, IF 1:100-500
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	POU domain, class 2, transcription factor 2 (Lymphoid-restricted immunoglobulin octamer-binding protein NF-A2;Octamer-binding protein 2;Oct-2;Octamer-binding transcription factor 2;OTF-2)
<b>Observed Band</b>	
<b>Cell Pathway</b>	Cytoplasm . Nucleus.
<b>Tissue Specificity</b>	Isoform 3 is B-cell specific. Isoform 5 is expressed in B-cells and the immunoglobulin-expressing T-cell line MOLT-4, but not in the T-cell line BW5147.
<b>Function</b>	function:Transcription factor that specifically binds to the octamer motif (5'-ATTTGCAT-3'). Regulates transcription in a number of tissues in addition to activating immunoglobulin gene expression. Modulates transcription transactivation by NR3C1, AR and PGR. Isoform 5 activates the U2 small nuclear RNA (snRNA) promoter.,similarity:Belongs to the POU transcription factor family. Class-2 subfamily.,similarity:Contains 1 homeobox DNA-binding domain.,similarity:Contains 1 POU-specific domain.,subunit:Interacts with NR3C1, AR and PGR.,tissue specificity:Isoform 3 is B-cell specific. Isoform 5 is expressed in B-cells and the immunoglobulin-expressing T-cell line Molt-4, but not in the T-cell line BW 5147.,
<b>Background</b>	The protein encoded by this gene is a homeobox-containing transcription factor of the POU domain family. The encoded protein binds the octamer sequence 5'&#x2013;ATTTGCAT-3'&#x2013;, a common transcription factor binding site in



immunoglobulin gene promoters. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011],

**matters needing attention**

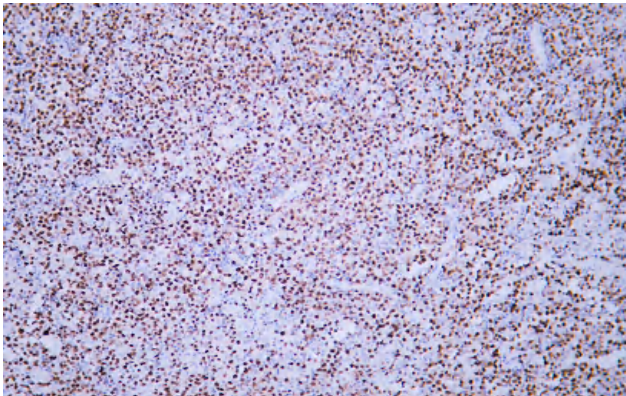
Avoid repeated freezing and thawing!

**Usage suggestions**

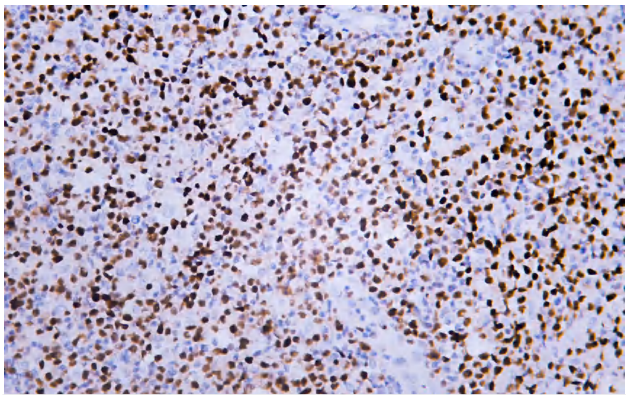
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



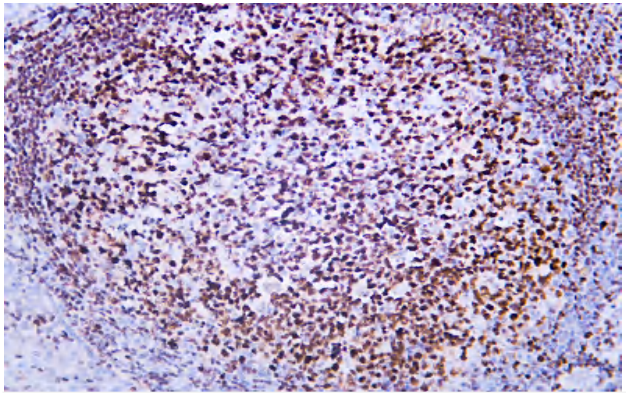
## Products Images



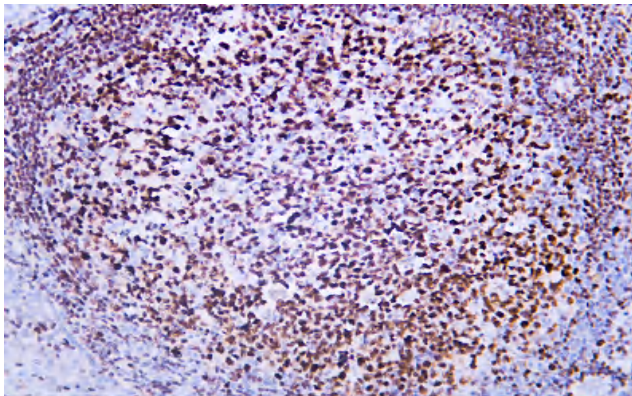
Human diffuse large B-cell lymphoma tissue was stained with Anti-Oct-2 (ABT211) Antibody



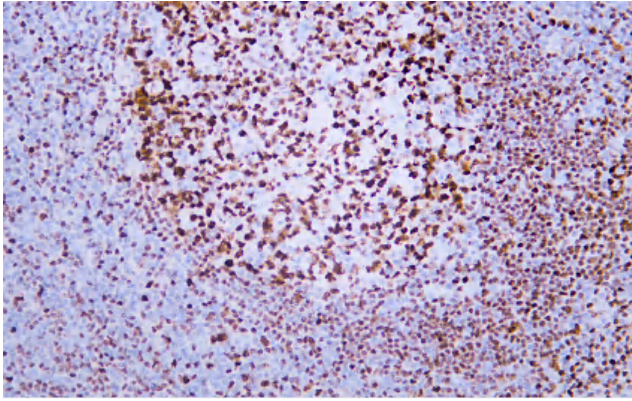
Human diffuse large B-cell lymphoma tissue was stained with Anti-Oct-2 (ABT211) Antibody



Human diffuse large B-cell lymphoma tissue was stained with Anti-Oct-2 (ABT211) Antibody



Human tonsil tissue was stained with Anti-Oct-2 (ABT211) Antibody



Human tonsil tissue was stained with Anti-Oct-2 (ABT211) Antibody