



Egr-1 Monoclonal Antibody

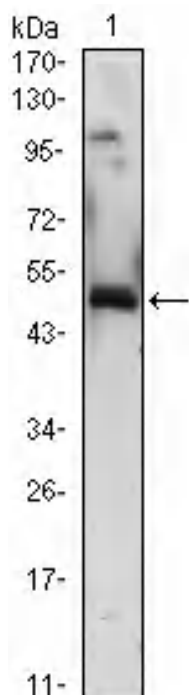
Catalog No	YP-Ab-00966
Isotype	IgG
Reactivity	Human
Applications	WB;ELISA
Gene Name	EGR1
Protein Name	Early growth response protein 1
Immunogen	Purified recombinant fragment of human Egr-1 (aa282-433) expressed in E. Coli.
Specificity	Egr-1 Monoclonal Antibody detects endogenous levels of Egr-1 protein.
Formulation	Ascitic fluid containing 0.03% sodium azide,0.5% BSA, 50%glycerol.
Source	Monoclonal, Mouse
Purification	Affinity purification
Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	EGR1; KROX24; ZNF225; Early growth response protein 1; EGR-1; AT225; Nerve growth factor-induced protein A; NGFI-A; Transcription factor ETR103; Transcription factor Zif268; Zinc finger protein 225; Zinc finger protein Krox-24
Observed Band	
Cell Pathway	Nucleus . Cytoplasm .
Tissue Specificity	Detected in neutrophils (at protein level).
Function	function:Transcriptional regulator. Recognizes and binds to the DNA sequence 5'-CGCCCCCGC-3'(EGR-site). Activates the transcription of target genes whose products are required for mitogenesis and differentiation.,induction:By growth factors.,similarity:Belongs to the EGR C2H2-type zinc-finger protein family.,similarity:Contains 3 C2H2-type zinc fingers.,
Background	The protein encoded by this gene belongs to the EGR family of C2H2-type zinc-finger proteins. It is a nuclear protein and functions as a transcriptional regulator. The products of target genes it activates are required for differentiation and mitogenesis. Studies suggest this is a cancer suppressor gene. [provided by RefSeq, Dec 2014],
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



Western Blot analysis using Egr-1 Monoclonal Antibody against EGR1-hlgGFc transfected HEK293 (1)cell lysate.