



# Egr-1 Monoclonal Antibody

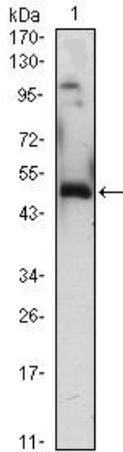
<b>Catalog No</b>	YP-mAb-00966
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse;Rat
<b>Applications</b>	WB
<b>Gene Name</b>	EGR1
<b>Protein Name</b>	Early growth response protein 1
<b>Immunogen</b>	Purified recombinant fragment of human Egr-1 (aa282-433) expressed in E. Coli.
<b>Specificity</b>	Egr-1 Monoclonal Antibody detects endogenous levels of Egr-1 protein.
<b>Formulation</b>	Ascitic fluid containing 0.03% sodium azide,0.5% BSA, 50%glycerol.
<b>Source</b>	Monoclonal, Mouse
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-1:2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	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
<b>Observed Band</b>	78kD
<b>Cell Pathway</b>	Nucleus . Cytoplasm .
<b>Tissue Specificity</b>	Detected in neutrophils (at protein level).
<b>Function</b>	function:Transcriptional regulator. Recognizes and binds to the DNA sequence 5'-CGCCCCGC-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.,
<b>Background</b>	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],
<b>matters needing attention</b>	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 of various cells using Egr-1 Monoclonal Antibody