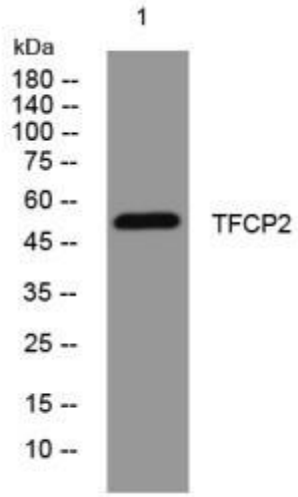
TFCP2 mouse mAb

Catalog No	YP-mAb-11588
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	TFCP2 LSF SEF
Protein Name	TFCP2
Immunogen	Synthesized peptide derived from human TFCP2 AA range: 21-71
Specificity	This antibody detects endogenous levels of TFCP2 at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, mouse,IgG
Purification	The antibody was affinity-purified from mouse serum by affinity-chromatography using specific immunogen.
Dilution	WB 1：500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Calculated Molecular Weight	55kD
Synonyms	
Cell Pathway	Nucleus .
Tissue Specificity	Ubiquitous. Expressed in brain, ovary, kidney, thymus, spleen, liver, adrenal, heart and lung (at protein level).
Function	developmental stage:Expressed in fetal erythroid tissue.,function:Binds a variety of cellular and viral promoters including fibrinogen, alpha-globin, SV40 and HIV-1 promoters. Activation of the alpha-globin promoter in erythroid cells is via synergistic interaction with UBP1 (By similarity). Functions as part of the SSP (stage selector protein) complex. Facilitates the interaction of the gamma-globin genes with enhancer elements contained in the locus control region in fetal erythroid cells. Interacts by binding to the stage selector element (SSE) in the proximal gamma-globin promoter.,miscellaneous:In PubMed:8114710 authors noted that a 10-fold molar excess of isoform 2 over isoform 1 inhibited DNA-binding.,similarity:Belongs to the grh/CP2 family. CP2 subfamily.,subunit:Binds to DNA as a dimer, isoform 2 does not bind to DNA or affect the binding of isoform 1 to DNA. Interacts with UBP
Background	This gene encodes a transcription factor that binds the alpha-globin promoter and activates transcription of the alpha-globin gene. The encoded protein regulates erythroid gene expression, plays a role in the transcriptional switch of globin gene

	promoters, and it activates many other cellular and viral gene promoters. The gene product interacts with certain inflammatory response factors, and polymorphisms of this gene may be involved in the pathogenesis of Alzheimer's disease. [provided by RefSeq, Mar 2010],
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 of lysates from HpeG2 cells, primary antibody was diluted at 1:1000, 4°over night