MTF1 Monoclonal Antibody

Catalog No	YP-mAb-04990
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	MTF1
Protein Name	Metal regulatory transcription factor 1 (MRE-binding transcription factor) (Transcription factor MTF-1)
Immunogen	Synthesized peptide derived from human protein . at AA range: 260-340
Specificity	MTF1 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	82kD
Cell Pathway	Nucleus . Cytoplasm . Translocation to the nucleus is induced by metals. .
Tissue Specificity	Liver,Muscle,
Function	function:Activates the metallothionein I promoter. Binds to the metal responsive element (MRE).,similarity:Contains 6 C2H2-type zinc fingers.,
Background	This gene encodes a transcription factor that induces expression of metallothioneins and other genes involved in metal homeostasis in response to heavy metals such as cadmium, zinc, copper, and silver. The protein is a nucleocytoplasmic shuttling protein that accumulates in the nucleus upon heavy metal exposure and binds to promoters containing a metal-responsive element (MRE). [provided by RefSeq, Jul 2008],
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