



Thioredoxin Reductase 1 mouse mAb

Catalog No	YP-mAb-17839
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB
Gene Name	TXNRD1
Protein Name	
Immunogen	A synthesized peptide derived from human TXNRD1
Specificity	
Formulation	
Source	
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	TR; TR1; TXNR; TRXR1; GRIM-12
Observed Band	Calculated MW: 71 kDa; Observed MW: 55 kDa
Cell Pathway	
Tissue Specificity	
Function	
Background	Isoform 1 may possess glutaredoxin activity as well as thioredoxin reductase activity and induces actin and tubulin polymerization, leading to formation of cell membrane protrusions. Isoform 4 enhances the transcriptional activity of estrogen receptors alpha and beta while isoform 5 enhances the transcriptional activity of the beta receptor only. Isoform 5 also mediates cell death induced by a combination of interferon-beta and retinoic acid.
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.



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