



Thioredoxin Reductase 1 mouse mAb

Catalog No	YP-mAb-17839
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	TXNRD1
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	cytoplasmic;Gene associated with retinoic and IFN-induced mortality 12 protein; Gene associated with retinoic and interferon-induced mortality 12 protein;Gene associated with retinoid IFN induced mortality 12 protein;GRIM 12;GRIM-12; GRIM12;KDRF;KM 12 derived reductase like factor;KM-12-derived reductase-like factor;MGC9145;Oxidoreductase;Thioredoxin reductase 1;Thioredoxin reductase 1 cytoplasmic;Thioredoxin reductase GRIM 12;Thioredoxin reductase TR1;TR 1;TR;TR1;TRXR 1;TRXR1;TRXR1_HUMAN;TXNR;TXNRD 1;Txnrd1
Observed Band	Calculated MW: 71 kDa; Observed MW: 55 kDa
Calculated Molecular Weight	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.

Products Images