



# Thioredoxin Reductase 1 mouse mAb

Catalog No	BYmab-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 1:500-2000
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!

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**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**