



TXNDC4 Mouse mAb

Catalog No	YP-mAb-18832
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	ERP44 KIAA0573 TXNDC4 UNQ532/PRO1075
Immunogen	Synthesized peptide derived from human TXNDC4
Specificity	This antibody detects endogenous levels of TXNDC4 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 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	PDIA10;TXNDC4;ERP44;ERP44 KIAA0573 TXNDC4 UNQ532/PRO1075; Endoplasmic reticulum resident protein 44 (ER protein 44) (ERp44) (Thioredoxin domain-containing protein 4)
Observed Band	40-48kDa
Calculated Molecular Weight	47kDa
Cell Pathway	Endoplasmic reticulum lumen .
Tissue Specificity	
Function	Mediates thiol-dependent retention in the early secretory pathway, forming mixed disulfides with substrate proteins through its conserved CRFS motif. Inhibits the calcium channel activity of ITPR1. May have a role in the control of oxidative protein folding in the endoplasmic reticulum. Required to retain ERO1A and ERO1B in the endoplasmic reticulum.
Background	
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