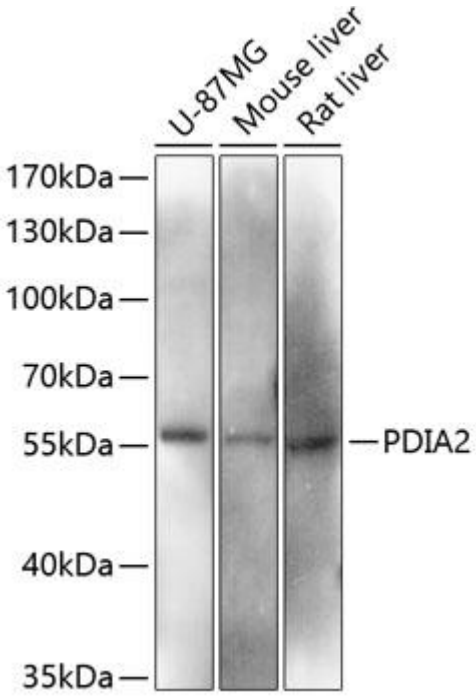
PDIA2 Mouse mAb

Catalog No	YP-mAb-19597
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB
Gene Name	
Immunogen	Recombinant protein (or fragment).This information is considered to be commercially sensitive .
Specificity	
Formulation	
Source	Monoclonal,Mouse,IgG
Purification	Affinity purification
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-15°C to -25°C/1 year(Do not lower than -25°C)
Synonyms	PDI; PDA2; PDIP; PDIR; PDIA2
Observed Band	58kDa
Calculated Molecular Weight	58kDa
Cell Pathway	
Tissue Specificity	
Function	
Background	This gene encodes a member of the disulfde isomerase (PDI) family of endoplasmic reticulum (ER) proteins that catalyze protein folding and thiol-disulfde interchange reactions . The encoded protein has an N-terminal ER-signal sequence, two catalytically active thioredoxin (TRX) domains, two TRX-like domains and a C-terminal ER-retention sequence . The protein plays a role in the folding of nascent proteins in the endoplasmic reticulum by forming disulfde bonds through its thiol isomerase, oxidase, and reductase activity. The encoded protein also possesses estradiol-binding activity and can modulate intracellular estradiol levels .
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



Western blot analysis of various lysates using PDIA2 Mouse mAb at 1:3000 dilution .

Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) at 1:10000 dilution .

Lysates/proteins: 25µg per lane .

Blocking bufer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit.

Exposure time: 90s .