



TIMM13 mouse mAb

Catalog No	YP-mAb-17946
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	TIMM13 TIM13B TIMM13A TIMM13B
Immunogen	Synthesized peptide derived from human TIMM13
Specificity	This antibody detects endogenous levels of TIMM13 at Human, Mouse,Rat
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 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	TIMM13B;TIMM13A;TIMM 13;TIM13B;TIM13;TIMM13;TIMM13 TIM13B TIMM13A TIMM13B;Mitochondrial import inner membrane translocase subunit Tim13
Observed Band	11 kDa
Calculated Molecular Weight	95 aa, 11 kDa
Cell Pathway	Mitochondrion inner membrane ; Peripheral membrane protein ; Intermembrane side .
Tissue Specificity	Ubiquitous, with highest expression in heart, kidney, liver and skeletal muscle.
Function	Mitochondrial intermembrane chaperone that participates in the import and insertion of some multi-pass transmembrane proteins into the mitochondrial inner membrane. Also required for the transfer of beta-barrel precursors from the TOM complex to the sorting and assembly machinery (SAM complex) of the outer membrane. Acts as a chaperone-like protein that protects the hydrophobic precursors from aggregation and guide them through the mitochondrial intermembrane space. The TIMM8-TIMM13 complex mediates the import of proteins such as TIMM23, SLC25A12/ARALAR1 and SLC25A13/ARALAR2, while the predominant TIMM9-TIMM10 70 kDa complex mediates the import of much more proteins.



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