



Tom22 mouse mAb

Catalog No	YP-mAb-18082
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	TOMM22 TOM22
Immunogen	Synthesized peptide derived from human Tom22
Specificity	This antibody detects endogenous levels of Tom22 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	TOMM22;1C9 2;hTom22;MST065;MSTP065;TOMM22 TOM22;Mitochondrial import receptor subunit TOM22 homolog (hTom22) (1C9-2) (Translocase of outer membrane 22 kDa subunit homolog)
Observed Band	15-22 kDa
Calculated Molecular Weight	15 kDa
Cell Pathway	Mitochondrion outer membrane ; Single-pass membrane protein .
Tissue Specificity	Ubiquitous.
Function	Central receptor component of the translocase of the outer membrane of mitochondria (TOM complex) responsible for the recognition and translocation of cytosolically synthesized mitochondrial preproteins. Together with the peripheral receptor TOM20 functions as the transit peptide receptor and facilitates the movement of preproteins into the translocation pore . Required for the translocation across the mitochondrial outer membrane of cytochrome P450 monooxygenases (By similarity).
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