



TOM70 mouse mAb

Catalog No	YP-mAb-18046
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	TOMM70A KIAA0719 TOM70
Immunogen	Synthesized peptide derived from human TOM70
Specificity	This antibody detects endogenous levels of TOM70 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	TOMM70A;KIAA0719;TOMM;TOMM70;Translocase of outer mitochondrial membrane protein 70;TOMM70A KIAA0719 TOM70;Mitochondrial import receptor subunit TOM70 (Mitochondrial precursor proteins import receptor) (Translocase of outer membrane 70 kDa subunit)
Observed Band	70 kDa
Calculated Molecular Weight	67 kDa
Cell Pathway	Mitochondrion outer membrane ; Single-pass membrane protein .
Tissue Specificity	
Function	Acts as receptor of the preprotein translocase complex of the outer mitochondrial membrane (TOM complex). Recognizes and mediates the translocation of mitochondrial preproteins from the cytosol into the mitochondria in a chaperone dependent manner . Mediates TBK1 and IRF3 activation induced by MAVS in response to Sendai virus infection and promotes host antiviral responses during virus infection . Upon Sendai virus infection, recruits HSP90AA1:IRF3:BAX in mitochondrion and the complex induces apoptosis .
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