MIA3 Monoclonal Antibody

Catalog No	BYmab-05723
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	MIA3 KIAA0268 TANGO UNQ6077/PRO20088
Protein Name	Melanoma inhibitory activity protein 3 (C219-reactive peptide) (D320) (Transport and Golgi organization protein 1) (TANGO1)
Immunogen	Synthesized peptide derived from human protein . at AA range: 1110-1190
Specificity	MIA3 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 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	
Observed Band	209kD
Cell Pathway	Endoplasmic reticulum membrane ; Single-pass membrane protein . Localizes at endoplasmic reticulum exit sites (ERES), also known as transitional endoplasmic reticulum (tER) (PubMed:32101163). SEC16A is required for its proper localization to ERES. After loading of COL7A1 into transport carriers, it is not incorporated into COPII carriers and remains in the endoplasmic reticulum membrane. .
Tissue Specificity	Broadly expressed, except in bone marrow and peripheral blood mononuclear cells. Down-regulated in melanoma tissue.
Function	domain:Although 2 transmembrane domains are predicted, PubMed:19269366 showed that it only contains one transmembrane domain. The other predicted transmembrane region is probably a hairpin-type region embedded into the membrane, which does not cross the membrane. It is unclear which of the 2 predicted transmembrane regions is the transmembrane or the hairpin-type region.,domain:The proline-rich region (PRD) mediates the interaction with COPII coat subunits Sec23/24.,function:Required for collagen VII (COL7A1) secretion by

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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.

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