



DNAJB9 Mouse mAb

Catalog No	YP-mAb-19559
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB
Gene Name	DNAJB9 MDG1 UNQ743/PRO1471
Immunogen	Synthesized peptide derived from human DNAJB9. AA range:1-40
Specificity	This antibody detects endogenous levels of DNAJB9 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 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-15°C to -25°C/1 year(Do not lower than -25°C)
Synonyms	DNAJB9 MDG1 UNQ743/PRO1471;DnaJ homolog subfamily B member 9 (Microvascular endothelial differentiation gene 1 protein) (Mdg-1)
Observed Band	
Calculated Molecular Weight	25kD
Cell Pathway	Endoplasmic reticulum lumen .
Tissue Specificity	Widely expressed. Expressed at highest level in the liver , placenta and kidney (PubMed:11836248) .
Function	Co-chaperone for Hsp70 protein HSPA5/BiP that acts as a key repressor of the ERN1/IRE1-mediated unfolded protein response (UPR) (By similarity) . J domain-containing co-chaperones stimulate the ATPase activity of Hsp70 proteins and are required for efficient substrate recognition by Hsp70 proteins . In the unstressed endoplasmic reticulum , interacts with the luminal region of ERN1/IRE1 and selectively recruits HSPA5/BiP: HSPA5/BiP disrupts the dimerization of the active ERN1/IRE1 luminal region , thereby inactivating ERN1/IRE1 (By similarity) . Also involved in endoplasmic reticulum-associated degradation (ERAD) of misfolded proteins. Required for survival of B-cell progenitors and normal antibody production (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