



PDZD8 Mouse mAb

Catalog No	YP-mAb-19209
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	PDZD8 PDZK8
Immunogen	Synthesized peptide derived from human PDZD8
Specificity	This antibody detects endogenous levels of PDZD8 at Human
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	-20°C/1 year
Synonyms	LYVAC;PDZ domain containing 8;PDZ domain-containing protein 8;PDZK8; Sarcoma antigen NY-SAR-84/NY-SAR-104;PDZD8 PDZK8;PDZ domain-containing protein 8 (Sarcoma antigen NY-SAR-84/NY-SAR-104)
Observed Band	150-160 kDa
Calculated Molecular Weight	1154 aa, 129 kDa
Cell Pathway	Endoplasmic reticulum membrane ; Single-pass membrane protein . Localizes at mitochondria-endoplasmic reticulum contact sites. .
Tissue Specificity	
Function	Molecular tethering protein that connects endoplasmic reticulum and mitochondria membranes . PDZD8-dependent endoplasmic reticulum-mitochondria membrane tethering is essential for endoplasmic reticulum-mitochondria Ca(2+) transfer . In neurons, involved in the regulation of dendritic Ca(2+) dynamics by regulating mitochondrial Ca(2+) uptake in neurons . Plays an indirect role in the regulation of cell morphology and cytoskeletal organization . May inhibit herpes simplex virus 1 infection at an early stage .
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