



SOLO Mouse mAb

Catalog No	YP-mAb-19089
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	SESTD1 SOLO
Immunogen	Synthesized peptide derived from human SOLO
Specificity	This antibody detects endogenous levels of SOLO at Human, Mouse
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	SESTD1 SOLO;SEC14 domain and spectrin repeat-containing protein 1 (Huntingtin-interacting protein-like protein) (Protein Solo)
Observed Band	
Calculated Molecular Weight	77kD
Cell Pathway	
Tissue Specificity	Broad expression. High expression in thalamus and brain. Significantly expressed in vasculature.
Function	May act as the primary docking protein directing membrane turnover and assembly of the transient receptor potential channels TRPC4 and TRPC5. Binds phospholipids such as phosphatidylinositol monophosphates, phosphatidylinositol diphosphates (PIP2s) and phosphatidic acid, but not less polar lipids including phosphatidylcholine, phosphatidylserine, and phosphatidylinositol. The binding to PIP2s is calcium dependent. Might be involved in the plasma membrane localization of CTNNB1.
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