



SMURF1 mouse mAb

Catalog No	YP-mAb-17990
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	SMURF1 KIAA1625
Immunogen	Synthesized peptide derived from human SMURF1
Specificity	This antibody detects endogenous levels of SMURF1 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 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	E3 ubiquitin-protein ligase SMURF1;EC:2.3.2.26;HECT-type E3 ubiquitin transferase SMURF1;hSMURF1;KIAA1625;SMURF1;SMURF1 KIAA1625;E3 ubiquitin-protein ligase SMURF1 (hSMURF1) (EC 6.3.2.-) (SMAD ubiquitination regulatory factor 1) (SMAD-specific E3 ubiquitin-protein ligase 1)
Observed Band	90-100 kDa
Calculated Molecular Weight	86 kDa
Cell Pathway	Cytoplasm . Cell membrane ; Peripheral membrane protein ; Cytoplasmic side .
Tissue Specificity	Expressed in melanocytes (PubMed:23999003).
Function	E3 ubiquitin-protein ligase that acts as a negative regulator of BMP signaling pathway. Mediates ubiquitination and degradation of SMAD1 and SMAD5, 2 receptor-regulated SMADs specific for the BMP pathway. Promotes ubiquitination and subsequent proteasomal degradation of TRAF family members and RHOA. Promotes ubiquitination and subsequent proteasomal degradation of MAVS . Plays a role in dendrite formation by melanocytes .
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