



SMURF1 mouse mAb

Catalog No	YP-mAb-17990
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	SMURF1 KIAA1625
Protein Name	E3 ubiquitin-protein ligase SMURF1 (hSMURF1) (EC 6.3.2.-) (SMAD ubiquitination regulatory factor 1) (SMAD-specific E3 ubiquitin-protein ligase 1)
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	
Observed Band	83kD
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.



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