



# SMURF1 mouse mAb

<b>Catalog No</b>	BYmab-17990
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse
<b>Applications</b>	WB
<b>Gene Name</b>	SMURF1 KIAA1625
<b>Protein Name</b>	E3 ubiquitin-protein ligase SMURF1 (hSMURF1) (EC 6.3.2.-) (SMAD ubiquitination regulatory factor 1) (SMAD-specific E3 ubiquitin-protein ligase 1)
<b>Immunogen</b>	Synthesized peptide derived from human SMURF1
<b>Specificity</b>	This antibody detects endogenous levels of SMURF1 at Human, Mouse
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	83kD
<b>Cell Pathway</b>	Cytoplasm . Cell membrane ; Peripheral membrane protein ; Cytoplasmic side .
<b>Tissue Specificity</b>	Expressed in melanocytes (PubMed:23999003).
<b>Function</b>	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 .
<b>Background</b>	
<b>matters needing attention</b>	Avoid repeated freezing and thawing!

**Nanjing BYabscience technology Co.,Ltd**



#### Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

#### Products Images