



SCUBE3 mouse mAb

Catalog No	YP-mAb-18086
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	SCUBE3 CEGF3
Immunogen	Synthesized peptide derived from human SCUBE3
Specificity	This antibody detects endogenous levels of SCUBE3 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	CEGF3;Signal peptide;CUB and EGF-like domain-containing protein 3;SCUBE3; SCUBE3 CEGF3; CUB and EGF-like domain-containing protein 3
Observed Band	130 kDa
Calculated Molecular Weight	992 aa, 109 kDa
Cell Pathway	Secreted . Cell surface .
Tissue Specificity	Highly expressed in osteoblasts. In normal lung, mainly expressed in bronchial epithelial cells. Tends to be up-regulated in lung cancer cells.
Function	Is a positive regulator of the BMP signaling pathway, required for proper chondrogenesis, osteogenesis and skeletal development. It acts as coreceptor for BMP ligands, particularly BMP2 and BMP4, facilitating their interactions with BMP type I receptors . It is required for ligand-induced recruitment of BMP receptors to lipid rafts (By similarity). Binds to TGFBR2 and activates TGFB signaling. In lung cancer cells, could serve as an endogenous autocrine and paracrine ligand of TGFBR2, which could regulate TGFBR2 signaling and hence modulate epithelial-mesenchymal transition and cancer progression.
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