



SURF4 mouse mAb

Catalog No	YP-mAb-18006
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	SURF4 SURF-4
Immunogen	Synthesized peptide derived from human SURF4
Specificity	This antibody detects endogenous levels of SURF4 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	surfeit 4;SURF-4;SURF 4;ERV29;SURF4;SURF4 SURF-4;Surfeit locus protein 4
Observed Band	31 kDa
Calculated Molecular Weight	269 aa, 30 kDa
Cell Pathway	Endoplasmic reticulum membrane ; Multi-pass membrane protein . Endoplasmic reticulum-Golgi intermediate compartment membrane ; Multi-pass membrane protein . Golgi apparatus membrane ; Multi-pass membrane protein . Cycles between the endoplasmic reticulum and the Golgi. .
Tissue Specificity	
Function	Endoplasmic reticulum cargo receptor that mediates the export of lipoproteins by recruiting cargos into COPII vesicles to facilitate their secretion . Acts as a cargo receptor for lipoproteins bearing both APOB and APOA1, thereby regulating lipoprotein delivery and the maintenance of lipid homeostasis . Synergizes with the GTPase SAR1B to mediate transport of circulating lipoproteins . Promotes the secretion of PCSK9 . Also mediates the efficient secretion of erythropoietin (EPO) . May also play a role in the maintenance of the architecture of the endoplasmic reticulum-Golgi intermediate compartment and of the Golgi .



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