Surfeit Locus Protein 4 Rabbit mAb

Catalog No: #52666

SAB®
Signalway Antibody

Package Size: #52666-1 50ul   #52666-2 100ul
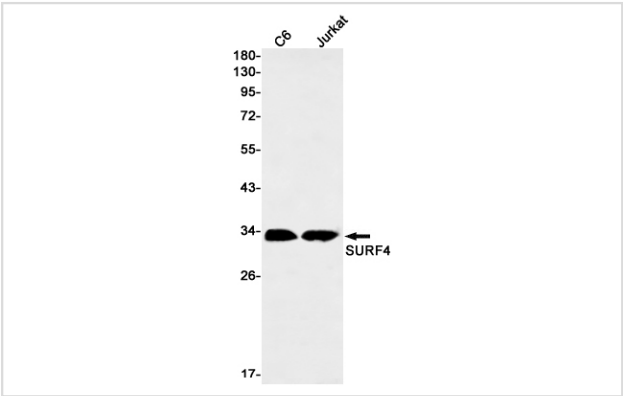
Description

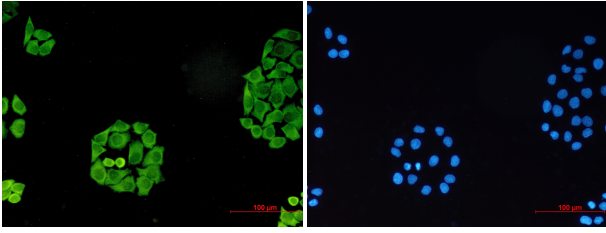|	
Product Name	Surfeit Locus Protein 4 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S07-1F1
Isotype	IgG
Purification	Affinity Purified
Applications	WB IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human SURF4
Conjugates	Unconjugated
Modification	Unmodification
Other Names	ERV29
Accession No.	Swiss-Prot:O15260GeneID:6836
Uniprot	O15260
GeneID	6836
Calculated MW	Calculated MW:30 kDa,Observed MW:30 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Application Details

WB: 1/2000 ICC/IF: 1/20

Images

Western blot detection of SURF4 in C6,Jurkat cell lysates using SURF4 Rabbit mAb(1:1000 diluted).Predicted band size:30kDa.Observed band size:30kDa.

Immunocytochemistry of SURF4 (green) in Hela using SURF4 antibody at dilution 1/20, and DAPI(blue)

Background

Endoplasmic reticulum cargo receptor that mediates the export of lipoproteins by recruiting cargos into COPII vesicles to facilitate their secretion (PubMed:30251625, PubMed:29643117, PubMed:33186557).Acts as a cargo receptor for lipoproteins bearing both APOB and APOA1, thereby regulating lipoprotein delivery and the maintenance of lipid homeostasis (PubMed:29643117, PubMed:33186557).Synergizes with the GTPase SAR1B to mediate transport of circulating lipoproteins (PubMed:33186557).Promotes the secretion of PCSK9 (PubMed:30251625).Also mediates the efficient secretion of erythropoietin (EPO) (PubMed:32989016).May also play a role in the maintenance of the architecture of the endoplasmic reticulum-Golgi intermediate compartment and of the Golgi (PubMed:18287528).

Note: This product is for in vitro research use only