

Surfeit Locus Protein 4 Monoclonal Antibody | anti-SURF4 antibody

Surfeit Locus Protein 4 Rabbit mAb

CATALOG # AAA314488	HOST Recombinant Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

Surfeit Locus Protein 4; Monoclonal Antibody; Surfeit Locus Protein 4 Rabbit mAb; ERV29; anti-SURF4 antibody

PRODUCT SPECIFICATIONS

Host	Recombinant Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG
Clone Number	S07-1F1
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration	0.3mg/ml (varies by lot)
Applicable Applications for anti-SURF4 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthetic peptide of human SURF4
Conjugation	Unconjugated
Modification	Unmodification
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES



ICC (Immunocytochemistry)

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



WB (Western Blot)

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.

ADDITIONAL INFORMATION

Related Product Information for anti-SURF4 antibody

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).

NCBI AND UNIPROT INFORMATION

NCBI GI #	19557691
NCBI GeneID	6836
NCBI Accession #	NP_149351.1
NCBI GenBank Nucleotide #	NM_033161.3
UniProt Accession #	O15260; O60923; Q5T8U6; Q9UNZ0; Q9UNZ1; B7Z6A4
Molecular Weight	17,970 Da
NCBI Official Full Name	surfeit locus protein 4 isoform 1
NCBI Official Synonym Full Names	surfeit 4
NCBI Official Symbol	SURF4
NCBI Official Synonym Symbols	ERV29
NCBI Protein Information	surfeit locus protein 4
UniProt Protein Name	Surfeit locus protein 4
UniProt Gene Name	SURF4
UniProt Synonym Gene Names	SURF-4

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/surfeit-locus-protein-4-antibody-clone-s07-1f1-immunofluorescence-western-blot-elisa/314488>