

Mouse GORASP1 Monoclonal Antibody | anti-GORASP1 antibody

GORASP1 antibody

CATALOG # AAA106508	HOST Mouse	APPLICATIONS Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

GORASP1; Monoclonal Antibody; GORASP1 antibody; Monoclonal GORASP1; Anti-GORASP1; Golgi Reassembly Stacking Protein 1 65Kda; FLJ23443; GOLPH5; GRASP65; MGC118894; MGC118897; P65; GORASP 1; GORASP-1; anti-GORASP1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	5C5
Purity/Purification	GORASP1 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	440
Applicable Applications for anti-GORASP1 antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	GORASP1 is a membrane protein involved in establishing the stacked structure of the Golgi apparatus. It is a caspase-3 substrate, and cleavage of this encoded protein contributes to Golgi fragmentation in apoptosis. This encoded protein can form a complex with the Golgi matrix protein GOLGA2, and this complex binds to the vesicle docking protein p115.
Cross-Reactivity	Human, Dog, Rat
Immunogen	GORASP1 antibody was raised in mouse using a full length recombinant protein of human GORASP1 (NP_114105) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant GORASP1 protein using GORASP1 antibody



IHC (Immunohistochemistry)

Immunohistochemical analysis of GORASP1 protein in paraffin embedded Human Kidney tissue using GORASP1 antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant GORASP1 protein (Right) or empty vector (Left) detected with GORASP1 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-GORASP1 antibody	Mouse monoclonal GORASP1 antibody
Product Categories/Family for anti-GORASP1 antibody	Cell Cycle & Cell Death

NCBI AND UNIPROT INFORMATION

NCBI GI #	13994253
NCBI GeneID	64689
NCBI Accession #	NP_114105
NCBI GenBank Nucleotide #	NM_031899.2
UniProt Accession #	Q9BQQ3 ; Q3SYG7 ; Q8N272 ; Q96H42 ; B3KWC8
Molecular Weight	26,237 Da
NCBI Official Full Name	Golgi reassembly-stacking protein 1 isoform 1
NCBI Official Synonym Full Names	golgi reassembly stacking protein 1, 65kDa
NCBI Official Symbol	GORASP1
NCBI Official Synonym Symbols	P65; GOLPH5; GRASP65
NCBI Protein Information	Golgi reassembly-stacking protein 1
UniProt Protein Name	Golgi reassembly-stacking protein 1
UniProt Gene Name	GORASP1
UniProt Synonym Gene Names	GOLPH5; GRASP65; GOLPH5; GRASP65
UniProt Entry Name	GORS1_HUMAN

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/gorasp1-antibody-clone-5c5-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/106508>