Mouse SIL1 Monoclonal Antibody | anti-SIL1 antibody

SIL1 antibody

CATALOG #	HOST	APPLICATIONS
AAA107109	**Mouse**	**Western Blot, Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

SIL1; Monoclonal Antibody; SIL1 antibody; Monoclonal SIL1; Anti-SIL1; Sil1 Homolog Endoplasmic Reticulum Chaperone; BAP; MSS; ulG5; SIL 1; SIL-1; anti-SIL1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	1G7
Purity/Purification	SIL1 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	461
Applicable Applications for anti-SIL1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	SIL1 is a resident endoplasmic reticulum (ER), N-linked glycoprotein with an N-terminal ER targeting sequence, 2 putative N-glycosylation sites, and a C-terminal ER retention signal. This protein functions as a nucleotide exchange factor for another unfolded protein response protein. Mutations in its gene have been associated with Marinesco-Sjogren syndrome.
Cross-Reactivity	Human
Immunogen	SIL1 antibody was raised in mouse using a full length recombinant protein of human SIL1 (NP_071909) 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 SIL1 protein using SIL1 antibody

IHC (Immunohiostchemistry)
Immunohistochemical analysis of SIL1 protein in paraffin embedded Human kidney tissue using SIL1 antibody

WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant SIL1 protein (Right) or empty vector (Left) detected with SIL1 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-SIL1 antibody	Mouse monoclonal SIL1 antibody
Product Categories/Family for anti-SIL1 antibody	Protein Modification & Stress Response

NCBI AND UNIPROT INFORMATION

NCBI GI #	11968009
NCBI GeneID	64374
NCBI Accession #	NP_071909
NCBI GenBank Nucleotide #	NM_022464.4
UniProt Accession #	Q9H173; Q8N2L3; D3DQC2
Molecular Weight	52,085 Da
NCBI Official Full Name	nucleotide exchange factor SIL1
NCBI Official Synonym Full Names	SIL1 nucleotide exchange factor
NCBI Official Symbol	SIL1
NCBI Official Synonym Symbols	BAP; MSS; ULG5
NCBI Protein Information	nucleotide exchange factor SIL1
UniProt Protein Name	Nucleotide exchange factor SIL1
UniProt Gene Name	**SIL1**
UniProt Synonym Gene Names	BAP
UniProt Entry Name	SIL1_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/sil1-antibody-clone-1g7-western-blot-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/107109