Mouse SAMHD1 Monoclonal Antibody | anti-SAMHD1 antibody

SAMHD1 antibody

CATALOG #	HOST	APPLICATIONS
AAA106659	**Mouse**	**Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

SAMHD1; Monoclonal Antibody; SAMHD1 antibody; Monoclonal SAMHD1; Anti-SAMHD1; Sam Domain And Hd Domain 1; DCIP; HDDC1; MOP-5; SBBI88; SAMHD 1; SAMHD-1; anti-SAMHD1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	3G6
Purity/Purification	SAMHD1 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	626
Applicable Applications for anti-SAMHD1 antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	SAMHD1 contains 1 HD domain and 1 SAM (sterile alpha motif) domain. SAMHD1 may play a role in mediating proinflammatory responses to TNF-alpha signaling.
Cross-Reactivity	Human, Monkey
Immunogen	SAMHD1 antibody was raised in mouse using a full length recombinant protein of human SAMHD1 (NP_056289) 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 SAMHD1 protein using SAMHD1 antibody

WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant SAMHD1 protein (Right) or empty vector (Left) detected with SAMHD1 antibody

FCM/FACS (Flow Cytometry)
Flow Cytometric analysis of Hela cells using SAMHD1 antibody (Red), compared to a nonspecific negative control antibody (Blue).

ADDITIONAL INFORMATION

Related Product Information for anti-SAMHD1 antibody	Mouse monoclonal SAMHD1 antibody
Product Categories/Family for anti-SAMHD1 antibody	Protein Modification & Stress Response

NCBI AND UNIPROT INFORMATION

NCBI GI #	38016914
NCBI GeneID	25939
NCBI Accession #	NP_056289
NCBI GenBank Nucleotide #	NM_015474.3
UniProt Accession #	Q9Y3Z3; Q5JXG8; Q8N491; Q9H004; Q9H005; Q9H3U9; B4E2A5; E1P5V2
Molecular Weight	68,122 Da
NCBI Official Full Name	deoxynucleoside triphosphate triphosphohydrolase SAMHD1
NCBI Official Synonym Full Names	SAM domain and HD domain 1
NCBI Official Symbol	SAMHD1
NCBI Official Synonym Symbols	DCIP; CHBL2; HDDC1; MOP-5; SBBI88
NCBI Protein Information	deoxynucleoside triphosphate triphosphohydrolase SAMHD1
UniProt Protein Name	Deoxynucleoside triphosphate triphosphohydrolase SAMHD1
UniProt Gene Name	**SAMHD1**
UniProt Synonym Gene Names	MOP5; dNTPase; DCIP; MOP-5
UniProt Entry Name	SAMH1_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/samhd1-antibody-clone-3g6-western-blot-immunofluorescence-flow-cytometry-elisa/106659