



Anti-SAMHD1 monoclonal antibody, clone 2B2 (DCABH-1981)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to SAMHD1
Antigen Description	Putative nuclease involved in innate immune response by acting as a negative regulator of the cell-intrinsic antiviral response. May play a role in mediating proinflammatory responses to TNF-alpha signaling.
Immunogen	Recombinant full length Human SAMHD1 produced in HEK293T cells (NP_056289).
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Mouse, Rat, Dog, Human, Monkey
Clone	2B2
Purification	This antibody is purified from Mouse ascites fluid by affinity chromatography.
Conjugate	Unconjugated
Applications	WB, IHC-P, Flow Cyt, ICC/IF
Positive Control	HEK293T cells transfected with pCMV6-ENTRY SAMHD1 cDNA; HepG2, HeLa, SVT2, A549, COS7, Jurkat, MDCK, PC12, and MCF7 cell extracts; Human kidney, kidney carcinoma, liver, ovary adenocarcinoma, pancreas, thyroid carcinoma, prostate carcinoma, bladder carcin
Format	Liquid
Size	100 µl
Buffer	pH: 7.30; Preservative: 0.02% Sodium azide; Constituents: 48% PBS, 50% Glycerol, 1% BSA

Storage store at -20°C. Avoid freeze / thaw cycles.

Ship Shipped at 4°C.

GENE INFORMATION

Gene Name [SAMHD1 SAM domain and HD domain 1 \[Homo sapiens \]](#)

Official Symbol SAMHD1

Synonyms SAMHD1; SAM domain and HD domain 1; SAM domain and HD domain-containing protein 1; AGS5; Aicardi Goutieres syndrome 5; HD domain containing 1; HDDC1; Mg11; monocyte protein 5; MOP 5; SBBI88; dendritic cell-derived IFNG-induced protein; DCIP; CHBL2; MOP-5;

Entrez Gene ID [25939](#)

Protein Refseq [NP_056289](#)

UniProt ID [Q59H15](#)

Chromosome Location 20pter-q12

Function hydrolase activity; metal ion binding; phosphoric diester hydrolase activity;
