



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

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Mouse monoclonal to SAMHD1
<b>Antigen Description</b>	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.
<b>Immunogen</b>	Recombinant full length Human SAMHD1 produced in HEK293T cells (NP_056289).
<b>Isotype</b>	IgG2b
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Mouse, Rat, Dog, Human, Monkey
<b>Clone</b>	2B2
<b>Purification</b>	This antibody is purified from Mouse ascites fluid by affinity chromatography.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IHC-P, Flow Cyt, ICC/IF
<b>Positive Control</b>	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
<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Buffer</b>	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;

---