

Product datasheet for **CF501955**

SAMHD1 Mouse Monoclonal Antibody [Clone ID: OTI1F9]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI1F9
Applications:	FC, WB
Recommended Dilution:	WB 1:2000, FLOW 1:100
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human SAMHD1 (NP_056289) produced in HEK293T cell.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	72.0 kDa
Gene Name:	SAM and HD domain containing deoxynucleoside triphosphate triphosphohydrolase 1
Database Link:	NP_056289 Entrez Gene 25939 Human Q9Y3Z3



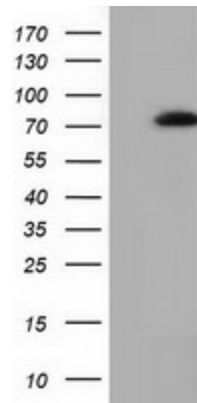
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Background:

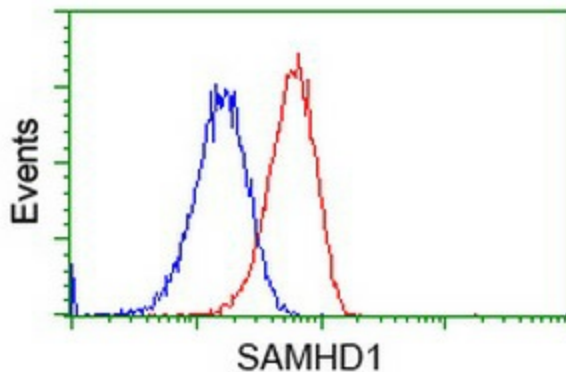
This gene may play a role in regulation of the innate immune response. The encoded protein is upregulated in response to viral infection and may be involved in mediation of tumor necrosis factor-alpha proinflammatory responses. Mutations in this gene have been associated with Aicardi-Goutieres syndrome. [provided by RefSeq]. COMPLETENESS: complete on the 3' end.

Synonyms:

CHBL2; DCIP; HDDC1; MOP-5; SBBI88

Product images:

HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY SAMHD1 ([RC206013], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-SAMHD1. Positive lysates [LY414526] (100ug) and [LC414526] (20ug) can be purchased separately from OriGene.



Flow cytometric Analysis of HeLa cells, using anti-SAMHD1 antibody ([TA501955]), (Red), compared to a nonspecific negative control antibody (TA50011), (Blue).