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Product datasheet for TA502024S

SAMHD1 Mouse Monoclonal Antibody [Clone ID: OTI3F5]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI3F5
Applications:	FC, IF, IHC, WB
Recommended Dilution:	WB 1:200~500, IHC 1:150, IF 1:100, FLOW 1:100
Reactivity:	Human, Rat, Monkey, Mouse
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human SAMHD1(NP_056289) produced in HEK293T cell.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
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 kDa
Gene Name:	SAM and HD domain containing deoxynucleoside triphosphate triphosphohydrolase 1
Database Link:	NP_056289 Entrez Gene 56045 MouseEntrez Gene 311580 RatEntrez Gene 709060 MonkeyEntrez Gene 25939 Human Q9Y3Z3
Synonyms:	CHBL2; DCIP; HDDC1; MOP-5; SBBI88

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Product images:

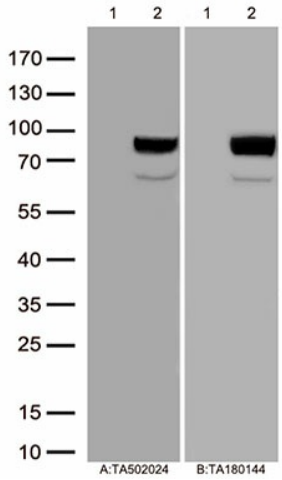
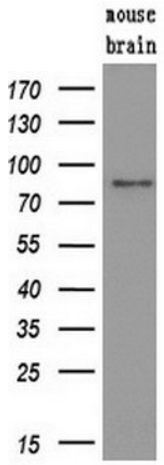
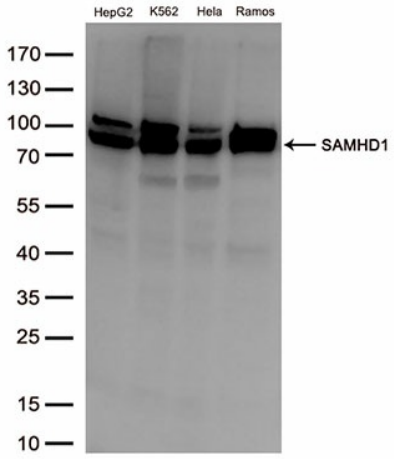


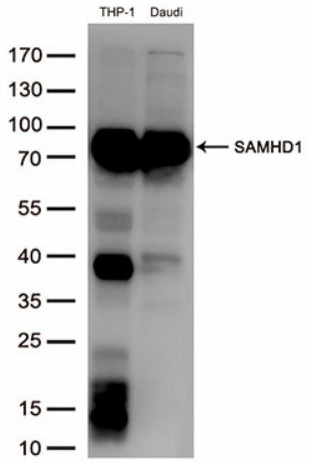
Figure A, Western blot analysis of overexpressed lysates(25ug per lane) from HEK293T cells transfected with empty plasmid ([PS100001], lane 1) , human SAMHD1 plasmid ([RC206013], lane 2) using anti-SAMHD1 antibody [TA502024] (1:500). Figure B, Western blot analysis of the same samples as figure A with anti-DDK antibody ([TA180144], 1:1000)



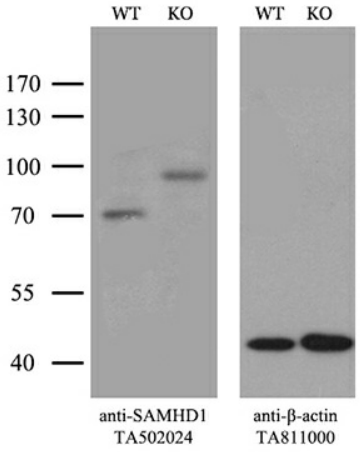
Western blot analysis of extracts (10ug) from a mouse tissue by using anti-SAMHD1 monoclonal antibody (1:200).



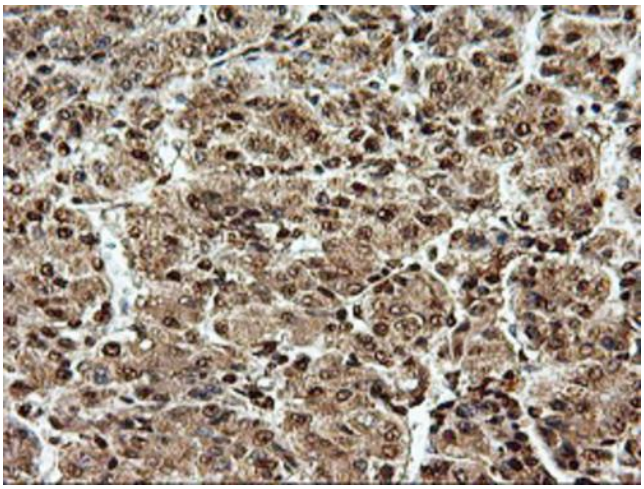
Western blot analysis of extracts (50ug per lane) from 4 cell lines lysates by using anti-VHL monoclonal antibody([TA502024], 1:500)



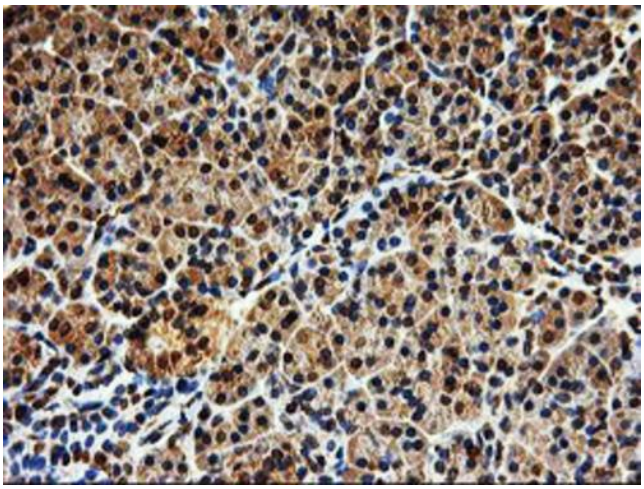
Western blot analysis of extracts (50ug per lane) from 2 cell lines lysates by using anti-VHL monoclonal antibody([TA502024], 1:500)



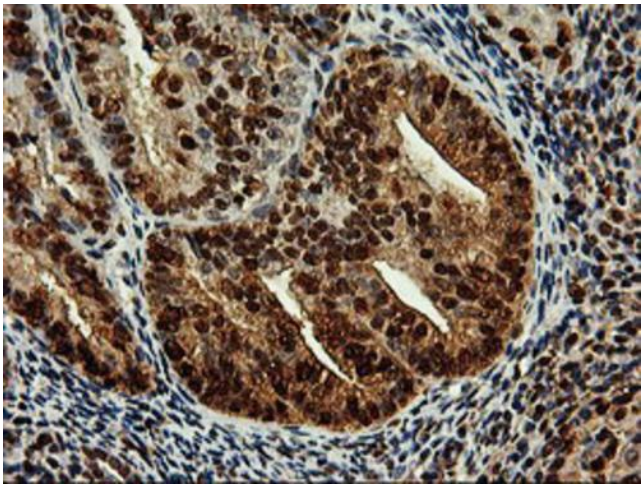
Equivalent amounts of cell lysates (10 ug per lane) of wild-type Hela cells (WT, Cat# LC810HELA) and SAMHD1-Knockout Hela cells (KO, Cat# [LC810344]) were separated by SDS-PAGE and immunoblotted with anti-SAMHD1 monoclonal antibody [TA502024]. Then the blotted membrane was stripped and reprobed with anti-b-actin antibody ([TA811000]) as a loading control (1:500).



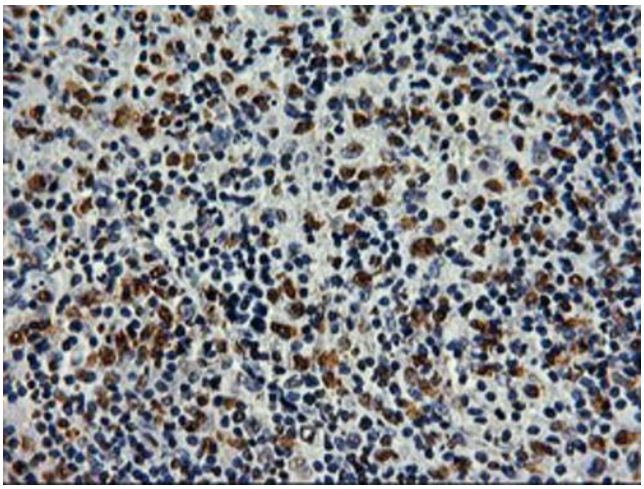
Immunohistochemical staining of paraffin-embedded Carcinoma of Human liver tissue using anti-SAMHD1 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



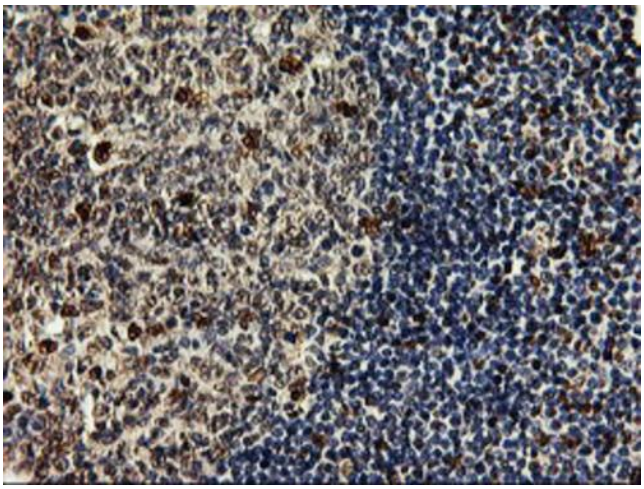
Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-SAMHD1 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



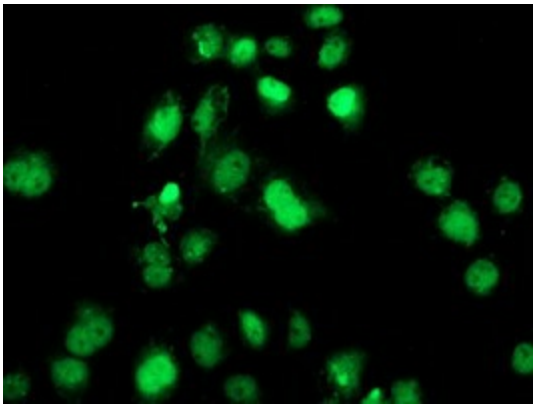
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-SAMHD1 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



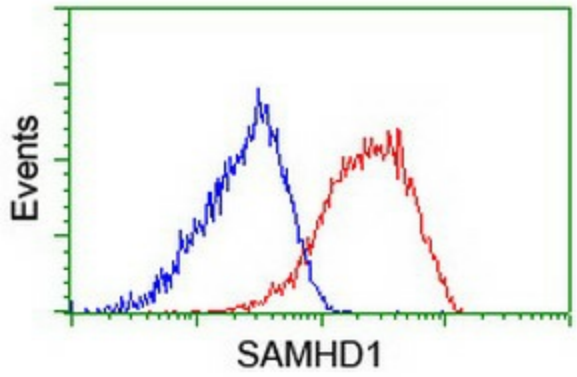
Immunohistochemical staining of paraffin-embedded Human lymphoma tissue using anti-SAMHD1 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



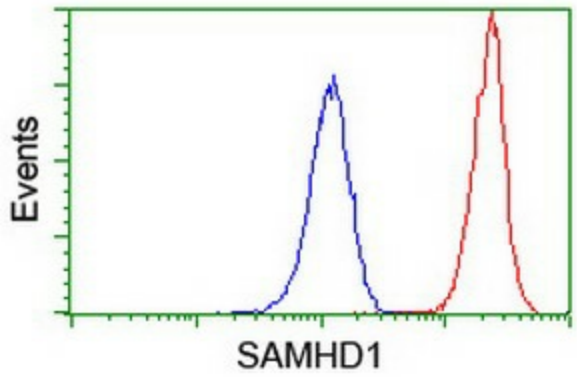
Immunohistochemical staining of paraffin-embedded Human tonsil within the normal limits using anti-SAMHD1 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Anti-SAMHD1 mouse monoclonal antibody ([TA502024]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY SAMHD1 ([RC206013]).



Flow cytometric Analysis of Hela cells, using anti-SAMHD1 antibody ([TA502024]), (Red), compared to a nonspecific negative control antibody, (Blue).



Flow cytometric Analysis of Jurkat cells, using anti-SAMHD1 antibody ([TA502024]), (Red), compared to a nonspecific negative control antibody, (Blue).