

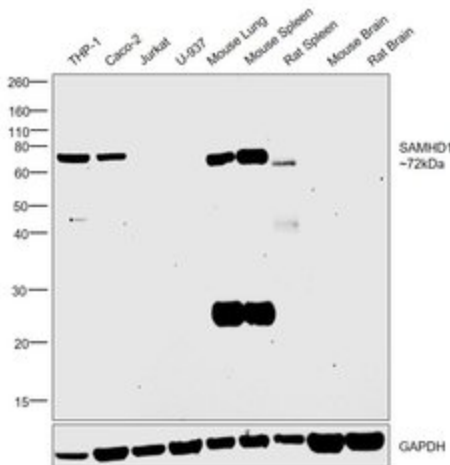
SAMHD1 Monoclonal Antibody (OT11F6)

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Non-human primate, Rat
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	OT11F6
Conjugate	Unconjugated
Immunogen	Full length human recombinant protein of SAMHD1 produced in HEK293T cell
Form	Liquid
Concentration	1 mg/mL
Purification	Affinity Chromatography
Storage buffer	PBS, pH 7.3, with 1% BSA, 50% glycerol
Contains	0.02% sodium azide
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2725289

Applications	Tested Dilution	Publications
Western Blot (WB)	1:200-1:2000	-
Flow Cytometry (Flow)	1:100	-
Immunocytochemistry (ICC/IF)	1:100	-

SAMHD1 Antibody (MA5-25298)

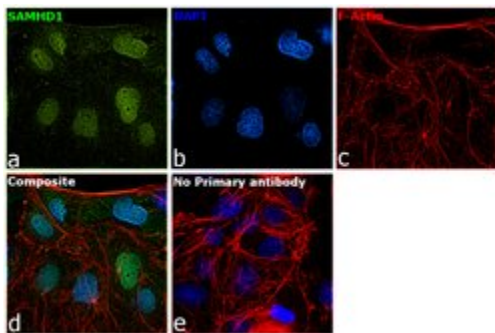
Antibody specificity was demonstrated by detection of differential basal expression of the target across cell and tissue lysates tested owing to their inherent genetic constitution. Relative expression of SAMHD1 was observed in THP-1, Caco-2, Mouse Lung, Mouse Spleen and Rat Spleen as compared to Jurkat, U-937, Mouse Brain and Rat Brain using Anti-SAMHD1 Monoclonal Antibody (Product # MA5-25298) in Western Blot [10.1016/s0165-2478(00)00276-5]. Relative expression validation info.



Product Images For SAMHD1 Monoclonal Antibody (OT11F6)

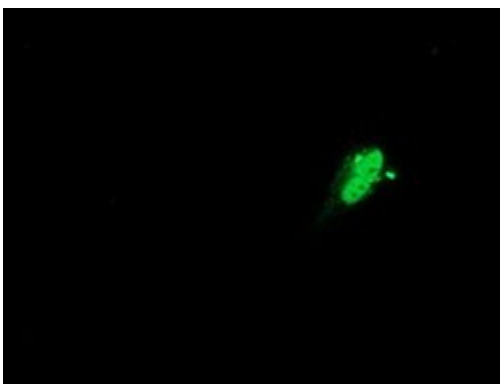
SAMHD1 Antibody (MA5-25298) in ICC/IF

Immunofluorescence analysis of SAMHD1 was performed using 70% confluent log phase Caco-2 cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 15 minutes, and blocked with 2% BSA for 1 hour at room temperature. The cells were labeled with SAMHD1 Monoclonal Antibody (OT11F6) (Product # MA5-25298) at 1:100 dilution in 0.1% BSA, incubated at 4 degree Celsius overnight and then labeled with Donkey anti-Mouse IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor Plus 488 (Product # A32766) at a dilution of 1:2000 for 45 minutes at room temperature (Panel a: green). Nuclei (Panel b: blue) were stained with SlowFade® Gold Antifade Mountant with DAPI (Product # S36938). F-actin (Panel c: red) was stained with Rhodamine Phalloidin (Product # R415, 1:300). Panel d represents the merged image showing nuclear and plasma membrane localization. Panel e represents control cells with no primary antibody to assess background. The images were captured at 60X magnification.



SAMHD1 Antibody (MA5-25298) in ICC/IF

Immunofluorescent analysis of SAMHD1 in human CD4+T cells. Cells were probed with a IdU monoclonal antibody (Product # MA5-25298).



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