

SAMHD1 Recombinant Rabbit Monoclonal Antibody (JU56-04)

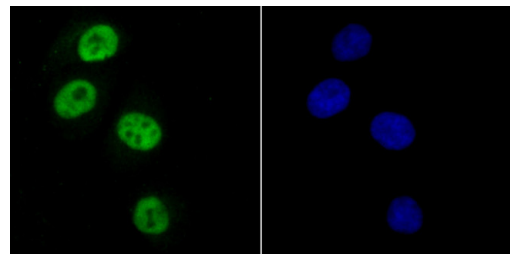
Product Details	
Size	100 µL
Species Reactivity	Human
Published Species	Human
Host/Isotype	Rabbit / IgG
Expression system	HEK293 cells
Class	Recombinant Monoclonal
Type	Antibody
Clone	JU56-04
Conjugate	Unconjugated
Immunogen	Synthetic peptide within Human SAMHD1 aa 577-626
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A
Storage buffer	TBS, pH 7.4, with 40% Glycerol, 0.05% BSA
Contains	0.05% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2810086

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:2,000	-
Immunohistochemistry (IHC)	1:50-1:200	-
Immunocytochemistry (ICC/IF)	1:100-1:500	-
Flow Cytometry (Flow)	1:50-1:100	1 Publication

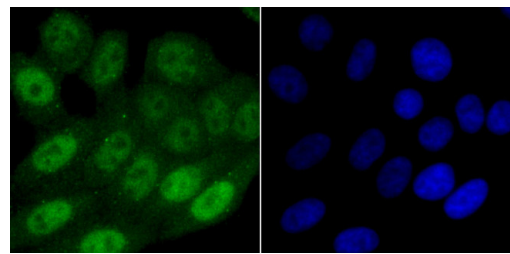
Product Specific Information

Recombinant rabbit monoclonal antibodies are produced using in vitro expression systems. The expression systems are developed by cloning in the specific antibody DNA sequences from immunoreactive rabbits. Then, individual clones are screened to select the best candidates for production. The advantages of using recombinant rabbit monoclonal antibodies include: better specificity and sensitivity, lot-to-lot consistency, animal origin-free formulations, and broader immunoreactivity to diverse targets due to larger rabbit immune repertoire.

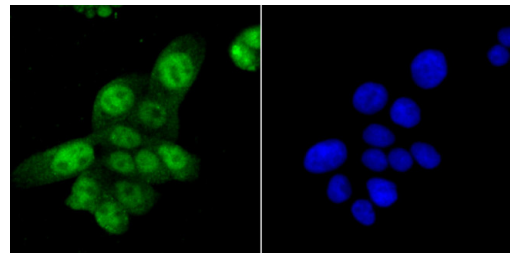
Product Images For SAMHD1 Recombinant Rabbit Monoclonal Antibody (JU56-04)



SAMHD1 Antibody (MA5-32810) in ICC/IF
Immunocytochemical analysis of SAMHD1 in HUVEC cells using a SAMHD1 Monoclonal antibody (Product # MA5-32810) as seen in green. The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



SAMHD1 Antibody (MA5-32810) in ICC/IF
Immunocytochemical analysis of SAMHD1 in HepG2 cells using a SAMHD1 Monoclonal antibody (Product # MA5-32810) as seen in green. The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



SAMHD1 Antibody (MA5-32810) in ICC/IF
Immunocytochemical analysis of SAMHD1 in LOVO cells using a SAMHD1 Monoclonal antibody (Product # MA5-32810) as seen in green. The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

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1 Reference

Flow Cytometry (1)

Molecular imaging	Year 2022
Biodistribution of a Mitochondrial Metabolic Tracer, [¹⁸F]F-AraG, in Healthy Volunteers.	Species Human
"MA5-32810 was used in Flow cytometry/Cell sorting to show that [¹⁸ F]F-AraG's connection with mitochondrial biogenesis and favorable biodistribution characteristics make it an attractive tracer with a variety of potential applications."	
Authors: Levi J,Duan H,Yaghoubi S,Packiasamy J,Huynh L,Lam T,Shaikh F,Behera D,Song H,Blecha J,Jivan S,Seo Y, VanBrocklin HF	

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