

Nur für Forschungszwecke

SAMHD1 Polyklonaler Antikörper

Katalog-Nr.:CL594-12586

Vorgestelltes Produkt



Allgemeine Informationen

Katalog-Nr.: CL594-12586	GenBank-Zugangsnummer: BC036450	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 100ul , Konzentration: 1000 µg/ml von25939 Nanodrop;	GeneID (NCBI): SAM domain and HD domain 1	Empfohlene Verdünnungen: IF 1:200-1:800
Wirt: Kaninchen	Vollständiger Name: SAM domain and HD domain 1	Anregungs-/Emissionsmaxima-Wellenlängen: 588 nm / 604 nm
Isotyp: IgG	Berechnete Masse: 626 aa, 72 kDa	
Immunogen Katalognummer: AG3287	Beobachtete Masse: 64-72 kDa	

Anwendungen

Geprüfte Anwendungen: FC (Intra), IF	Positivkontrollen: IF : HepG2-Zellen, A549-Zellen
Getestete Reaktivität: Human, Maus, Ratte	

Hintergrundinformationen

SAMHD1, highly expressed by monocytes and monocyte-derived dendritic cells and by monocyte-derived macrophages at a lower extent, is reported as an HIV-1 restriction factor that inhibits the early step of the HIV-1 life cycle. Vpx (virus-like particles containing viral protein X) could overcome this block by interacting with SAMHD1, inducing proteasome-dependent degradation of SAMHD1. Mutations in SAMHD1 cause Aicardi-Goutières syndrome, a genetic encephalopathy with a presumed immune pathogenesis. Three alternatively spliced transcripts encoding different isoforms have been described.

Lagerung

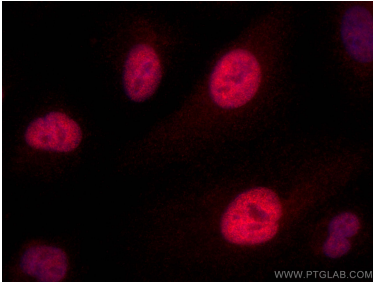
Lagerungsbedingungen:
Bei -20°C lagern. Vor Licht schützen. Nach dem Versand ein Jahr stabil.
Lagerungspuffer:
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

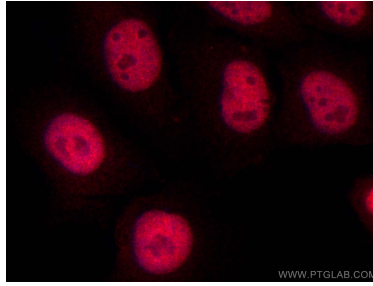
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

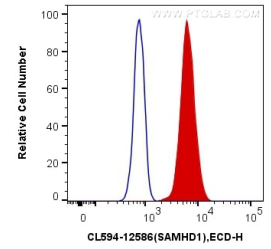
Ausgewählte Validierungsdaten



Immunofluorescent analysis of (4% PFA) fixed A549 cells using CoraLite®594 SAMHD1 antibody (CL594-12586) at dilution of 1:400.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CoraLite®594 SAMHD1 antibody (CL594-12586) at dilution of 1:400.



1X10⁶ HepG2 cells were intracellularly stained with 0.4 ug CoraLite®594 Anti-Human SAMHD1 (CL594-12586) (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).