

For Research Use Only

CoraLite® Plus 488-conjugated MOV10 Polyclonal antibody



Catalog Number: CL488-10370

Featured Product

Basic Information

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|---|---|---|
| Catalog Number: CL488-10370 | GenBank Accession Number: BC002548 | Purification Method: Antigen affinity purification |
| Size: 100ul , Concentration: 1000 µg/ml by Nanodrop; | GeneID (NCBI): 4343 | Recommended Dilutions: IF 1:50-1:500 |
| Source: Rabbit | Full Name: Mov10, Moloney leukemia virus 10, homolog (mouse) | Excitation/Emission maxima wavelengths: 488 nm / 515 nm |
| Isotype: IgG | Calculated MW: 114 kDa | |
| Immunogen Catalog Number: AG0384 | Observed MW: 110-115 kDa | |

Applications

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| Tested Applications: FC (Intra), IF | Positive Controls: IF : HepG2 cells, |
| Species Specificity: human, mouse, rat | |

Background Information

MOV10, also named as KIAA1631, belongs to the DNA2/NAM7 helicase family and SDE3 subfamily. It is required for RNA-mediated gene silencing by the RNA-induced silencing complex (RISC). Human MOV10 may regulate a wide range of RNA viruses and could also control the retrotransposition of endogenous retroelements in mammals(PMID:22727223). MOV10 has a broad antiretroviral activity that can target a wide range of retroviruses, and it could be actively involved in host defense against retroviral infection. MOV10 can potentially inhibit HIV-1 replication at multiple stages(PMID:20215113). It is involved in the progression of telomerase-catalyzing reaction via the interaction of telomerase protein and telomere DNA.

Storage

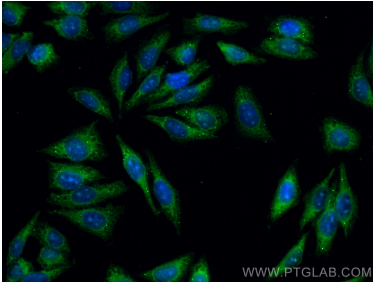
Storage:
Store at -20°C. Avoid exposure to light.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

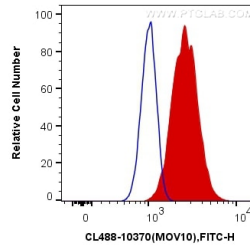
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed HepG2 cells using CoraLite® Plus 488 MOV10 antibody (CL488-10370) at dilution of 1:200.



1X10⁶ HeLa cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human MOV10 (CL488-10370) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).