

CoraLite[®] Plus 488-conjugated ZC3HAV1 Monoclonal antibody

Catalog Number: **CL488-66413**

Basic Information

Catalog Number: CL488-66413	GenBank Accession Number: BC025308	Purification Method: Protein G purification
Size: 1000 µg/ml	GeneID (NCBI): 56829	CloneNo.: 1G10B9
Source: Mouse	UNIPROT ID: Q7Z2W4	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG1	Full Name: zinc finger CCCH-type, antiviral 1	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG10364	Calculated MW: 699aa, 78 kDa; 902aa, 101 kDa	
	Observed MW: 100 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : HepG2 cells,
Species Specificity: human	

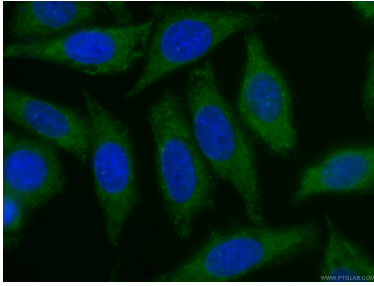
Background Information

The zinc-finger antiviral protein (ZAP) was originally identified from a rat cDNA library due to its conferring resistance to retroviruses. ZC3HAV1 is a CCCH-type zinc finger protein, it may primarily function to inhibit viral gene expression and induce an innate immunity to viral infection. Alternative splicing occurs at this locus and two variants, each encoding distinct isoforms.

Storage

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

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CL488-66413 (ZC3HAV1 antibody) at dilution of 1:100.