

For Research Use Only

CoraLite® Plus 488-conjugated CKAP4 Polyclonal antibody



Catalog Number: **CL488-16686**

Basic Information

Catalog Number: CL488-16686	GenBank Accession Number: BC082972	Purification Method: Antigen affinity purification
Size: 1000 µg/ml	GeneID (NCBI): 10970	Recommended Dilutions: IF 1:50-1:500
Source: Rabbit	UNIPROT ID: Q07065	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG	Full Name: cytoskeleton-associated protein 4	
Immunogen Catalog Number: AG10019	Calculated MW: 602 aa, 66 kDa	
	Observed MW: 63 kDa	

Applications

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

Background Information

CKAP4, also named as Climp-63, is a 63 kDa cytoskeleton-linking membrane protein. It is the partner of triadin. CKAP4 is responsible for this association of triads and microtubules.

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

For technical support and original validation data for this product please contact:

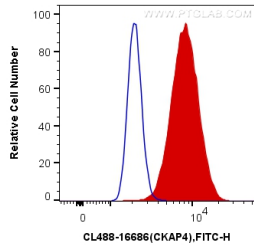
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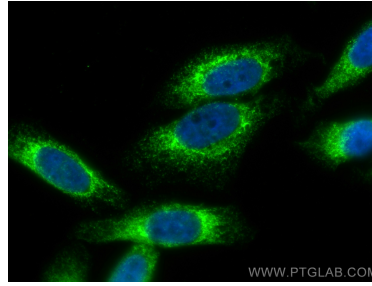
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Selected Validation Data



1X10⁶ HeLa cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human CKAP4 (CL488-16686) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CoraLite® Plus 488 CKAP4 antibody (CL488-16686) at dilution of 1:200.