

For Research Use Only

CoraLite® Plus 488-conjugated CD3EAP Recombinant monoclonal antibody

Catalog Number: **CL488-84139-4**



Basic Information

Catalog Number: CL488-84139-4	GenBank Accession Number: BC038992	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 10849	CloneNo.: 241379H5
Isotype: IgG	UNIPROT ID: O15446	Recommended Dilutions: IF/ICC: 1:50-1:500
Immunogen Catalog Number: AG35074	Full Name: CD3ε molecule, epsilon associated protein	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
	Calculated MW: 510 aa, 55 kDa	
	Observed MW: 80-90 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : A431 cells,
Species Specificity: human	

Background Information

Human RNA polymerase I (Pol I)-specific subunit, previously identified as ASE-1 and as CD3 -associated signal transducer (CAST), CD3EAP is a 55 kDa nucleolar autoantigen that has an apparent molecular mass of 90 kDa (PMID: 11199923). CD3EAP/hPAF49 contains a single tyrosine residue at position 82 (Tyr82), which is phosphorylated upon stimulation of the T-cell receptor. Western blot analysis detected CD3EAP at an apparent molecular mass of ~80-90 kDa.

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, pH7.3
Aliquoting is unnecessary for -20°C storage

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

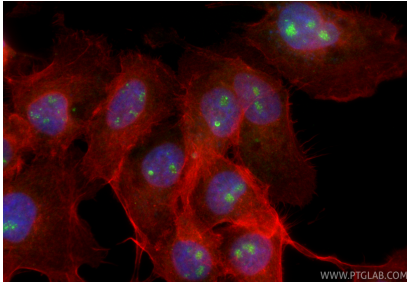
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed A431 cells using CoraLite® Plus 488 CD3EAP antibody (CL488-84139-4, Clone: 241379H5) at dilution of 1:200, CL594-Phalloidin (red).