

For Research Use Only

CD3EAP Recombinant antibody, PBS Only

Catalog Number: 84139-5-PBS



Basic Information

Catalog Number: 84139-5-PBS	GenBank Accession Number: BC038992	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 10849	CloneNo.: 241379E2
Source: Rabbit	UNIPROT ID: O15446	
Isotype: IgG	Full Name: CD3e molecule, epsilon associated protein	
Immunogen Catalog Number: AG35074	Calculated MW: 510 aa, 55 kDa	
	Observed MW: 80-90 kDa	

Applications

Tested Applications:
IF/ICC, Indirect ELISA

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

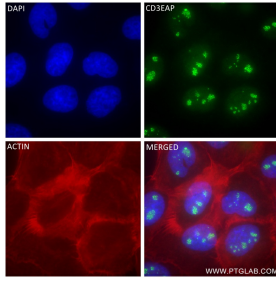
Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

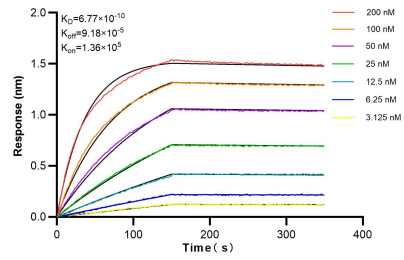
For technical support and original validation data for this product please contact:
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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed A431 cells using CD3EAP antibody (84139-5-RR, Clone: 241379E2) at dilution of 1:250 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 84139-5-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 84139-5-RR against Human CD3EAP were performed. The affinity constant is 0.677 nM.