

For Research Use Only

# CD3EAP Recombinant antibody

Catalog Number: 84139-5-RR



## Basic Information

Catalog Number:

84139-5-RR

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG35074

GenBank Accession Number:

BC038992

GeneID (NCBI):

10849

UNIPROT ID:

O15446

Full Name:

CD3e molecule, epsilon associated protein

Calculated MW:

510 aa, 55 kDa

Observed MW:

80-90 kDa

Purification Method:

Protein A purification

CloneNo.:

241379E2

Recommended Dilutions:

IF/ICC 1:125-1:500

## Applications

Tested Applications:

IF/ICC, ELISA

Species Specificity:

human

Positive Controls:

IF/ICC : A431 cells,

## 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. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

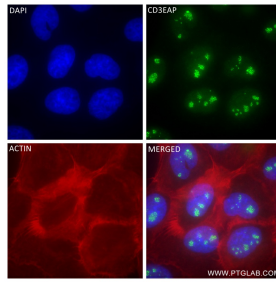
T: 4006900926

E: Proteintech-CN@ptglab.com

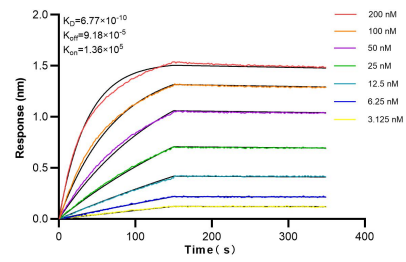
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## Selected Validation Data



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).



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