

For Research Use Only

CD3EAP Polyclonal antibody, PBS Only

Catalog Number: 31014-1-PBS



Basic Information

Catalog Number:

31014-1-PBS

Size:

100ug, Concentration: 1 mg/ml by
Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG34108

GenBank Accession Number:

NM_012099.1

GeneID (NCBI):

10849

UNIPROT ID:

O15446

Full Name:

CD3e molecule, epsilon associated
protein

Calculated MW:

55 kDa

Observed MW:

80-90 kDa

Purification Method:

Antigen affinity Purification

Applications

Tested Applications:

WB, IF/ICC, Indirect ELISA

Species Specificity:

human

Background Information

Human RNA polymerase I (Pol I)-specific subunit, previously identified as ASE-1 and as CD3ε-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.

Storage Buffer:

PBS Only

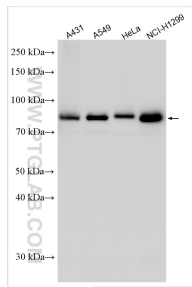
For technical support and original validation data for this product please contact:

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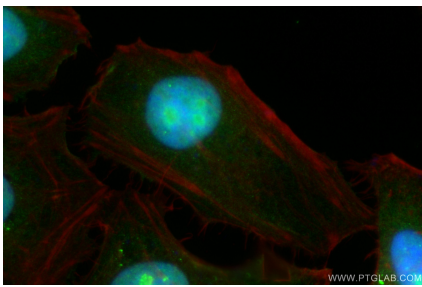
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W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31014-1-AP (CD3EAP antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 31014-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CD3EAP antibody (31014-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red). This data was developed using the same antibody clone with 31014-1-PBS in a different storage buffer formulation.

Immunofluorescent analysis of (4% PFA) fixed U2OS cells using CD3EAP antibody (31014-1-AP) at dilution of 1:200 and CoraLite®594-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-4), CL488-Phalloidin (green). This data was developed using the same antibody clone with 31014-1-PBS in a different storage buffer formulation.