

For Research Use Only

CD3 Delta Polyclonal antibody, PBS Only

Catalog Number: 16669-1-PBS



Basic Information

Catalog Number:

16669-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10148

GenBank Accession Number:

BC070321

GeneID (NCBI):

915

UNIPROT ID:

P04234

Full Name:

CD3d molecule, delta (CD3-TCR complex)

Calculated MW:

171 aa, 19 kDa

Observed MW:

20-25 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IF-P, IP, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

CD3 is a complex of proteins that directly associates with the T cell receptor (TCR). The TCR/CD3 complex of T-lymphocytes consists of either a TCR alpha/beta or TCR gamma/delta heterodimer coexpressed at the cell surface with the invariant subunits of CD3 labeled gamma, delta, epsilon, zeta, and eta. The TCR recognizes antigens bound to major histocompatibility complex (MHC) molecules. TCR-mediated peptide-MHC recognition is transmitted to the CD3 complex, leading to the intracellular signal transduction. CD3 is considered to be a pan-T cell marker for detection of normal and neoplastic T cells. CD3 delta/CD3D is a single-pass type I membrane protein which consists of an extracellular domain of 84 amino acids, a transmembrane region, and a cytoplasmic domain of 45 amino acids. Defects in CD3 delta are a cause of severe combined immunodeficiency.

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:

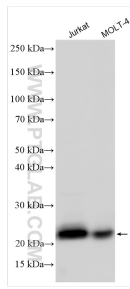
T: 4006900926

E: Proteintech-CN@ptglab.com

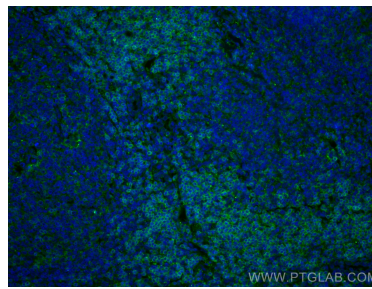
W: ptgcn.com

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

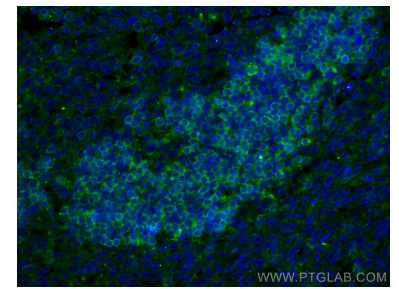
Selected Validation Data



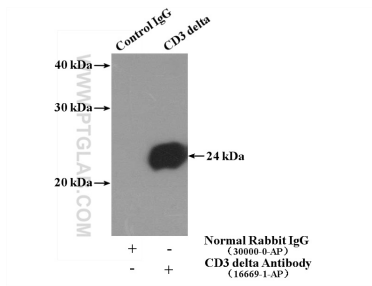
Various lysates were subjected to SDS PAGE followed by western blot with 16669-1-AP (CD3 Delta antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 16669-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CD3 Delta antibody (16669-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). This data was developed using the same antibody clone with 16669-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CD3 Delta antibody (16669-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). This data was developed using the same antibody clone with 16669-1-PBS in a different storage buffer formulation.



IP result of anti-CD3 Delta (IP:16669-1-AP, 4ug; Detection:16669-1-AP 1:800) with Jurkat cells lysate 2800ug. This data was developed using the same antibody clone with 16669-1-PBS in a different storage buffer formulation.