

For Research Use Only

CD3 Delta Monoclonal antibody

Catalog Number: 60194-1-Ig



Basic Information

Catalog Number:

60194-1-Ig

Size:

1400 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG10207

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:

25 kDa

Purification Method:

Protein G purification

CloneNo.:

3A12H2

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB: Jurkat cells,

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.

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:

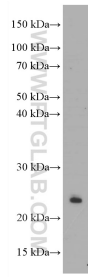
T: 4006900926

E: Proteintech-CN@ptglab.com

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

Selected Validation Data



jurkat cells were subjected to SDS PAGE followed by western blot with 60194-1-ig (CD3 delta antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.