

For Research Use Only

# CD3 Delta Monoclonal antibody



Catalog Number: 60194-1-Ig

## Basic Information

<b>Catalog Number:</b> 60194-1-Ig	<b>GenBank Accession Number:</b> BC070321	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150UL, Concentration: 1000 µg/ml by 915 Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 915	<b>CloneNo.:</b> 3A12H2
<b>Source:</b> Mouse	<b>Full Name:</b> CD3d molecule, delta (CD3-TCR complex)	<b>Recommended Dilutions:</b> WB 1:500-1:2000
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 171 aa, 19 kDa	
<b>Immunogen Catalog Number:</b> AG10207	<b>Observed MW:</b> 25 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB: jurkat cells,
<b>Species Specificity:</b> human, mouse	

## 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.

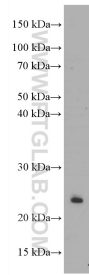
## Storage

**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: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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.