

For Research Use Only

# CD3 Delta Monoclonal antibody, PBS Only



Catalog Number: 60194-1-PBS

## Basic Information

<b>Catalog Number:</b> 60194-1-PBS	<b>GenBank Accession Number:</b> BC070321	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1 mg/ml	<b>GeneID (NCBI):</b> 915	<b>CloneNo.:</b> 3A12H2
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P04234	
<b>Isotype:</b> IgG1	<b>Full Name:</b> CD3d molecule, delta (CD3-TCR complex)	
<b>Immunogen Catalog Number:</b> AG10207	<b>Calculated MW:</b> 171 aa, 19 kDa	
	<b>Observed MW:</b> 25 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
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 -80°C.

**Storage Buffer:**  
PBS Only

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

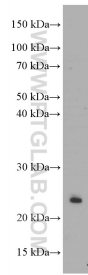
T: 4006900926

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W: [ptgcn.com](http://ptgcn.com)

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## 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. This data was developed using the same antibody clone with 60194-1-PBS in a different storage buffer formulation.