

For Research Use Only

# CD3 Gamma Monoclonal antibody, PBS Only



Catalog Number: 60347-1-PBS

## Basic Information

Catalog Number:

60347-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG15502

GenBank Accession Number:

BC113830

GeneID (NCBI):

917

UNIPROT ID:

P09693

Full Name:

CD3g molecule, gamma (CD3-TCR complex)

Calculated MW:

182 aa, 20 kDa

Observed MW:

20-25 kDa

Purification Method:

Protein A purification

CloneNo.:

2E9G7

## Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human

## 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.

**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:

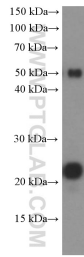
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

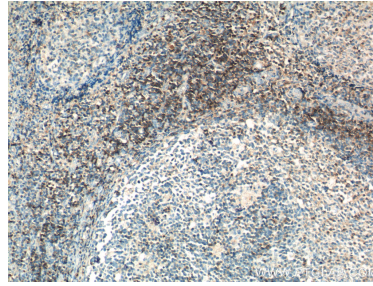
W: [ptgcn.com](http://ptgcn.com)

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

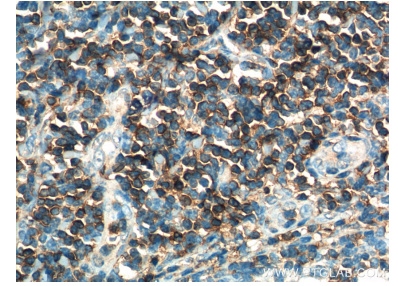
## Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 60347-1-Ig (CD3 gamma antibody at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 60347-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 60347-1-Ig (CD3 gamma antibody at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieved with Sodium Citrate buffer (pH 6.0). This data was developed using the same antibody clone with 60347-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 60347-1-Ig (CD3 gamma antibody at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieved with Sodium Citrate buffer (pH 6.0). This data was developed using the same antibody clone with 60347-1-PBS in a different storage buffer formulation.