

For Research Use Only

# CD3 Gamma Recombinant antibody, PBS Only

Catalog Number: 84836-2-PBS



## Basic Information

Catalog Number: 84836-2-PBS	GenBank Accession Number: BC113830	Purification Method: Protein A purification
Concentration: 1 mg/ml	GeneID (NCBI): 917	CloneNo.: 241849D4
Source: Rabbit	UNIPROT ID: P09693	
Isotype: IgG	Full Name: CD3g molecule, gamma (CD3-TCR complex)	
Immunogen Catalog Number: EG2147	Calculated MW: 182 aa, 20 kDa	
	Observed MW: 22 kDa	

## 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:

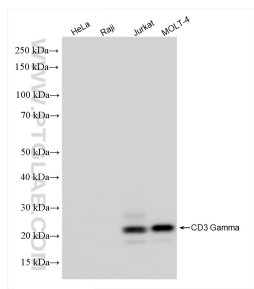
T: 4006900926

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

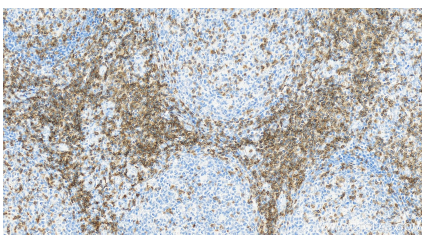
W: [ptgcn.com](http://ptgcn.com)

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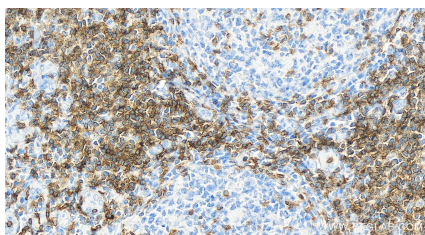
## Selected Validation Data



Various cells were subjected to SDS PAGE followed by western blot with 84836-2-RR (CD3 Gamma antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84836-2-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 84836-2-RR (CD3 Gamma antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 84836-2-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 84836-2-RR (CD3 Gamma antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 84836-2-PBS in a different storage buffer formulation.