

À des fins de recherche uniquement

# Anticorps Monoclonal anti-CD3 Gamma



Numéro de catalogue: 60347-1-Ig **1 Publications**

## Informations de base

Numéro de catalogue: 60347-1-Ig	Numéro d'acquisition GenBank: BC113830	Méthode de purification: Purification par protéine A
Taille: 150ul, Concentration: 1800 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 917	CloneNo.: 2E9G7
Hôte: Mouse	Nom complet: CD3g molecule, gamma (CD3-TCR complex)	Dilutions recommandées: WB 1:1000-1:8000 IHC 1:50-1:500
Isotype: IgG2b	MW calculé 182 aa, 20 kDa	
Immunogen Catalog Number: AG15502	MW observés: 20-25 kDa	

## Applications

### Applications testées:

FC, IHC, WB, ELISA

### Demandes citées:

IHC

### Spécificité de l'espèce:

Humain

### Espèces citées:

Humain

**Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (\*) A défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.**

### Contrôles positifs:

WB : cellules Jurkat,

IHC : tissu d'amygdalite humain,

## Informations générales

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.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Akira Saito	32794612	Cancer Sci	IHC

## Stockage

### Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

### Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

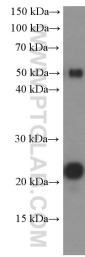
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

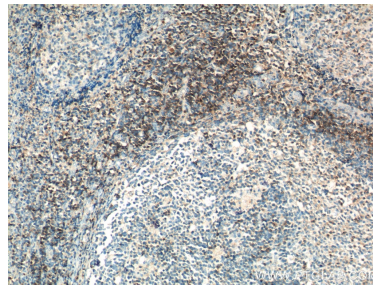
E: proteintech@ptglab.com  
W: ptglab.com

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

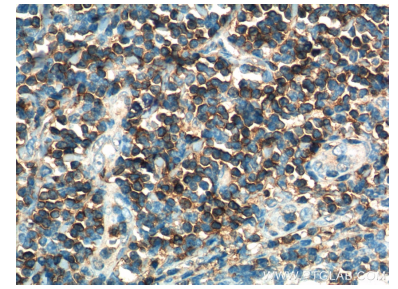
## Données de validation sélectionnées



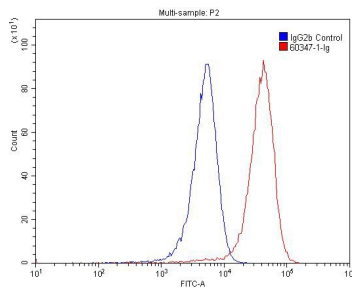
Jurkat cells were subjected to SDS PAGE followed by western blot with 60347-1-Ig (CD3 gamma antibody at dilution of 1:4000 incubated at room temperature for 1.5 hours.



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).



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).



1X10<sup>6</sup> Jurkat cells were stained with 0.2ug CD3 gamma antibody (60347-1-Ig, red) and control antibody (blue). Fixed with 4% PFA blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L) with dilution 1:1500.