

Allgemeine Informationen

Katalog-Nr.: 60181-1-Ig	GenBank-Zugangsnummer: BC049847	Reinigungsmethode: Protein-A-Reinigung
Größe: 150ul, Konzentration: 1000 µg/ml von 916 Nanodrop;	GeneID (NCBI): 916	CloneNo.: 3F3A1
Wirt: Maus	Vollständiger Name: CD3e molecule, epsilon (CD3-TCR complex)	Empfohlene Verdünnungen: WB 1:5000-1:50000 IHC 1:1000-1:10000 IF 1:200-1:800
Isotyp: IgG2b	Berechnete Masse: 207 aa, 23 kDa	
Immunogen Katalognummer: AG11797	Beobachtete Masse: 23 kDa	

Anwendungen

Geprüfte Anwendungen:

FC, IF, IHC, WB, ELISA

In Publikationen genannte Anwendungen:

FC, IF, IHC

Getestete Reaktivität:

Human

Zitierte Arten:

Human

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB: MOLT-4-Zellen, humane PBMCs, Jurkat-Zellen

IHC: humanes Tonsillitisgewebe, humanes Kolongewebe

IF: humanes Tonsillitisgewebe, Jurkat-Zellen

Hintergrundinformationen

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. This anti-CD3 is a monoclonal antibody directed against the epsilon chain of human CD3 molecule.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Jiayu Wang	34537815	Cell Death Discov	IF
Wenbo Zhao	36309750	J Transl Med	
Jing-Ya Yang	33107682	J Cell Mol Med	IF

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

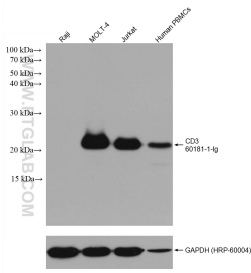
For technical support and original validation data for this product please contact:

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

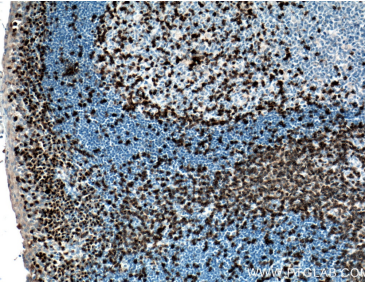
E: proteintech@ptglab.com
 W: ptglab.com

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

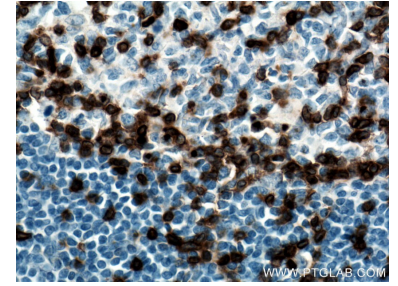
Ausgewählte Validierungsdaten



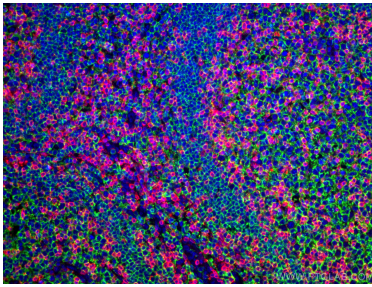
Various lysates were subjected to SDS PAGE followed by western blot with 60181-1-Ig (CD3 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



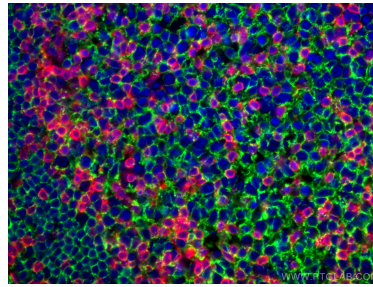
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 60181-1-Ig (CD3E antibody) at dilution of 1:6400 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



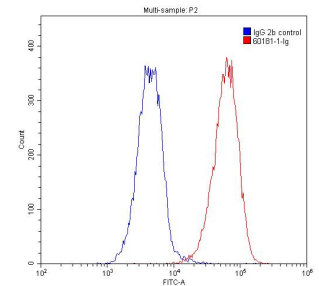
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 60181-1-Ig (CD3E antibody) at dilution of 1:6400 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CD3 antibody (60181-1-Ig, Clone: 3F3A1) at dilution of 1:400 and CoraLite®594-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CD20 antibody (24828-1-AP, green).



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CD3 antibody (60181-1-Ig, Clone: 3F3A1) at dilution of 1:400 and CoraLite®594-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CD20 antibody (24828-1-AP, green).



1×10^6 Jurkat cells were stained with 0.20ug CD3 antibody (60181-1-Ig, red) and control antibody (blue). Fixed with 90% MeOH.