

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-CD3



Numéro de catalogue: 17617-1-AP

Phare

81 Publications

Informations de base

Numéro de catalogue:

17617-1-AP

Taille:

150ul, Concentration: 550 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG11797

Numéro d'acquisition GenBank:

BC049847

Identification du gène (NCBI):

916

Nom complet:

CD3e molecule, epsilon (CD3-TCR complex)

MW calculé

207 aa, 23 kDa

MW observés:

23-25 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:1000-1:8000

IP 0.5-4.0 µg for IP and 1:500-1:2000 for WB

IHC 1:500-1:2000

IF 1:50-1:500

Applications

Applications testées:

FC, IF, IHC, IP, WB, ELISA

Demandes citées:

Cell treatment, FC, IF, IHC, WB

Spécificité de l'espèce:

Humain, porc, rat, souris

Espèces citées:

Humain, porc, rat, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6.0.

Contrôles positifs:

WB : cellules Jurkat, cellules MOLT-4, tissu de thymus de rat, tissu de thymus de souris, tissu splénique de porc

IP : cellules Jurkat,

IHC : tissu d'amygdalite humaine, tissu de cancer du pancréas humain, tissu de cancer du poumon humain, tissu de cancer du sein humain, tissu de côlon de souris, tissu de lymphome humain, tissu de thymus de rat, tissu splénique de souris

IF : tissu d'amygdalite humaine,

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

Publications notables

Autrice	Pubmed ID	Journal	Application
Xiao Wu	36168732	Exp Dermatol	IHC
Lan Zhang	34586738	Clin Transl Med	IHC,FC
Rilin Deng	32963356	Cell Mol Immunol	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.

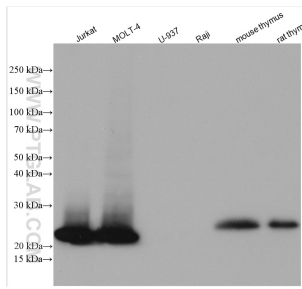
For technical support and original validation data for this product please contact:

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

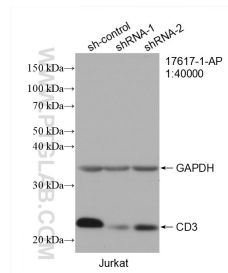
E: proteintech@ptglab.com
W: ptglab.com

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

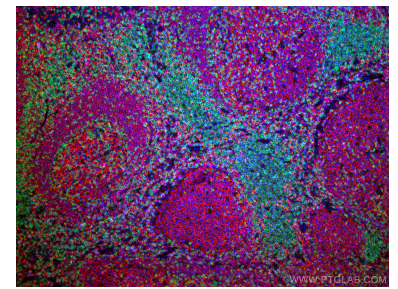
Données de validation sélectionnées



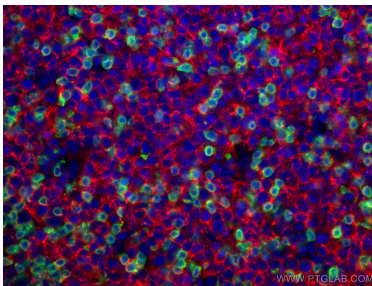
Jurkat cells (CD3+), MOLT-4 cells (CD3+), U-937 cells (CD3-), Raji cells (CD3-), mouse thymus tissue, and rat thymus tissue were subjected to SDS PAGE followed by western blot with 17617-1-AP (CD3 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



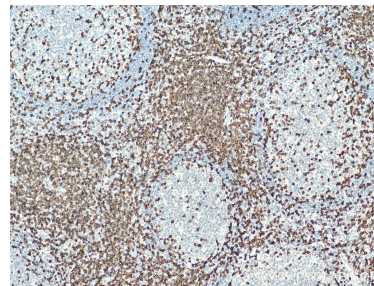
WB result of CD3 antibody (17617-1-AP; 1:40000; incubated at room temperature for 1.5 hours) with sh-Control and sh-CD3 transfected Jurkat cells.



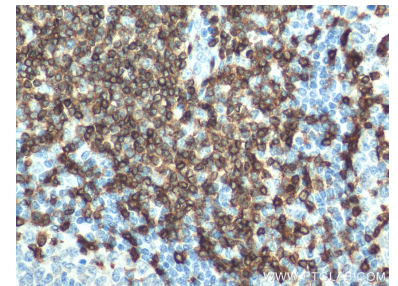
Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CD3 antibody (17617-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CD20 antibody (60271-1-Ig, Clone: 4A7G3, red).



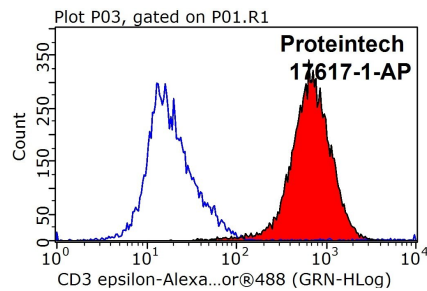
Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CD3 antibody (17617-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CD20 antibody (60271-1-Ig, Clone: 4A7G3, red).



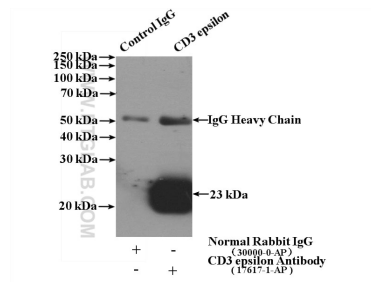
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 17617-1-AP (CD3 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 17617-1-AP (CD3 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1X10⁶ Jurkat cells were stained with 0.5ug CD3 antibody (17617-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.



IP Result of anti-CD3 (IP:17617-1-AP, 4ug; Detection:17617-1-AP 1:1000) with Jurkat cells lysate 3600ug.