

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-CD247



Numéro de catalogue: 12837-2-AP

5 Publications

Informations de base

Numéro de catalogue:
12837-2-AP

Taille:
150ul, Concentration: 800 µg/ml by
Nanodrop;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG3889

Numéro d'acquisition GenBank:
BC025703

Identification du gène (NCBI):
919

Nom complet:
CD247 molecule

MW calculé
16 kDa

MW observés:
16 kDa

Méthode de purification:

Purification par affinité contre
l'antigène

Dilutions recommandées:

WB 1:500-1:3000
IP 0.5-4.0 µg for IP and 1:500-1:1000
for WB
IHC 1:50-1:500
IF 1:50-1:500

Applications

Applications testées:

FC, IF, IHC, IP, WB, ELISA

Demandes citées:

FC, IHC, IP, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, souris

Contrôles positifs:

WB : cellules Jurkat, tissu splénique de souris, tissu
splénique humain

IP : cellules Jurkat,

IHC : tissu d'amygdalite humain,

IF : cellules Jurkat,

**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.**

Informations générales

CD247, also known as CD3Z (T-cell surface glycoprotein CD3 zeta chain), belongs to the CD3Z/FCER1G family. 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
Zhenglin Chang	36389789	Front Immunol	IHC
Zilong Guo	33854512	Front Immunol	WB
Wenjing Luo	37074239	Cytotherapy	FC

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.

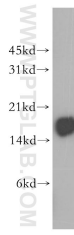
For technical support and original validation data for this product please contact:

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

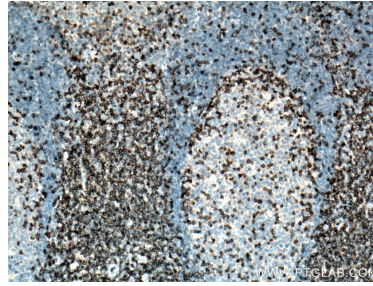
E: proteintech@ptglab.com
W: ptglab.com

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

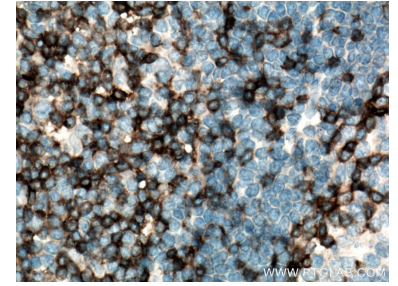
Données de validation sélectionnées



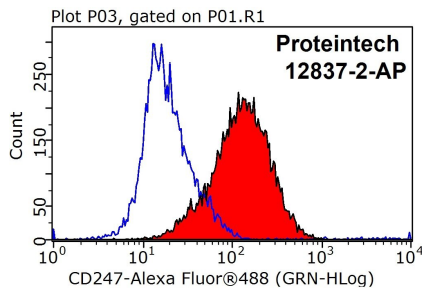
Jurkat cells were subjected to SDS PAGE followed by western blot with 12837-2-AP (CD247 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



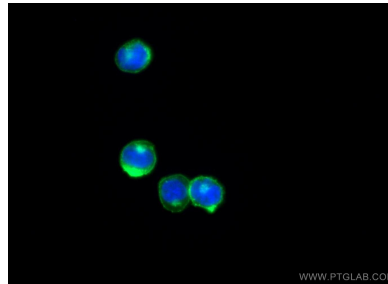
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 12837-2-AP (CD247 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



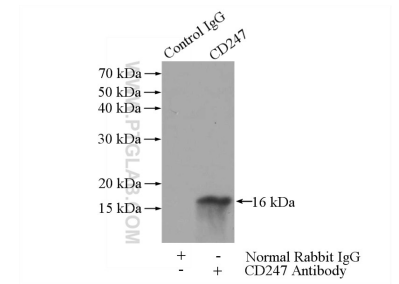
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 12837-2-AP (CD247 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1X10⁶ Jurkat cells were stained with 0.5ug CD247 antibody (12837-2-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.



Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using 12837-2-AP (CD247 antibody), at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IP Result of anti-CD247 (IP:12837-2-AP, 3ug; Detection:12837-2-AP 1:700) with Jurkat cells lysate 1200ug.