

À des fins de recherche uniquement

Anticorps Recombinant de lapin anti-CD45



Numéro de catalogue: 80297-1-RR

1 Publications

Informations de base

| | | |
|---|---|--|
| Numéro de catalogue: 80297-1-RR | Numéro d'acquisition GenBank: BC014239 | Méthode de purification: Purification par protéine A |
| Taille: 100ul , Concentration: 250 µg/ml by Nanodrop; | Identification du gène (NCBI): 5788 | CloneNo.: 6019 |
| Hôte: Lapin | Nom complet: protein tyrosine phosphatase, receptor type, C | Dilutions recommandées: WB 1:2000-1:10000 IHC 1:250-1:1000 IF 1:50-1:500 |
| Isotype: IgG | MW calculé 1304 aa, 147 kDa | |
| Immunogen Catalog Number: AG13712 | MW observés: 220-240 kDa | |

Applications

Applications testées:
FC, IF, IHC, WB, ELISA

Demandes citées:
IF

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain

Contrôles positifs:

WB : cellules Raji, cellules Daudi, cellules Jurkat, cellules K-562, cellules Ramos, cellules THP-1

IHC : tissu d'appendicite humain, tissu d'amygdalite humaine, tissu de côlon de souris, tissu de thymus de rat, tissu splénique de souris

IF : cellules Jurkat, tissu splénique de 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.

Informations générales

CD45, also known as leukocyte common antigen (LCA), B220, and T200, is a 180-240 kD single chain type I membrane glycoprotein. It is a tyrosine phosphatase expressed on the plasma membrane of all hematopoietic cells, except erythrocytes and platelets. CD45 is a signaling molecule that regulates a variety of cellular processes including cell growth, differentiation, cell cycle, and oncogenic transformation. CD45 is one of the best negative selection markers for characterizing and/or isolating human mesenchymal stem cells from bone marrow and other sources. Along with the positive selection markers (such as CD29, CD44, CD90, CD105 and CD166), negative selection markers (such as CD34 and CD45) are used for MSC identification.

Publications notables

| Autrice | Pubmed ID | Journal | Application |
|-----------|-----------|-------------|-------------|
| Siyang Li | 36463319 | Commun Biol | IF |

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.

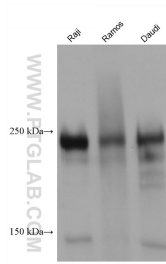
For technical support and original validation data for this product please contact:

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

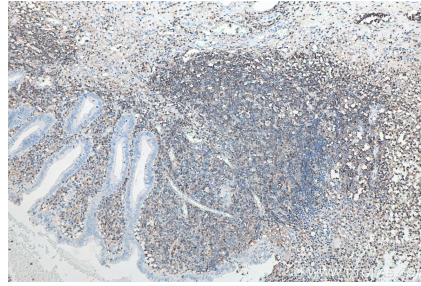
E: proteintech@ptglab.com
W: ptglab.com

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

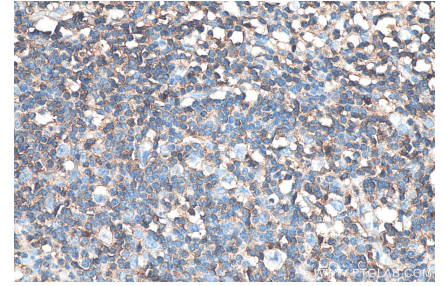
Données de validation sélectionnées



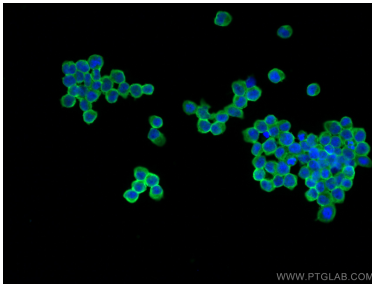
Various lysates were subjected to SDS PAGE followed by western blot with 80297-1-RR (CD45 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



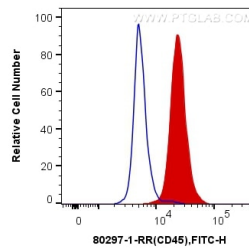
Immunohistochemical analysis of paraffin-embedded human appendicitis tissue slide using 80297-1-RR (CD45 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human appendicitis tissue slide using 80297-1-RR (CD45 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using CD45 antibody (80297-1-RR, Clone: 6O19) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1×10^6 Raji cells were intracellularly stained with 0.15 ug Anti-Human CD45 (80297-1-RR, Clone: 6O19) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.15 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).