

Nur für Forschungszwecke

CD45 Rekombinanter Antikörper

Katalog-Nr.:80297-1-RR

1 Publikationen



Allgemeine Informationen

Katalog-Nr.: 80297-1-RR	GenBank-Zugangsnummer: BC014239	Reinigungsmethode: Protein-A-Reinigung
Größe: 100ul , Konzentration: 250 µg/ml von Nanodrop;	GeneID (NCBI): 5788	CloneNo.: 6019
Wirt: Kaninchen	Vollständiger Name: protein tyrosine phosphatase, receptor type, C	Empfohlene Verdünnungen: WB 1:2000-1:10000 IHC 1:250-1:1000 IF 1:50-1:500
Isotyp: IgG	Berechnete Masse: 1304 aa, 147 kDa	
Immunogen Katalognummer: AG13712	Beobachtete Masse: 220-240 kDa	

Anwendungen

Geprüfte Anwendungen:

FC, IF, IHC, WB, ELISA

In Publikationen genannte Anwendungen:

IF

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human

Positivkontrollen:

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

IHC : humanes Appendizitis-Gewebe, humanes Tonsillitisgewebe, Maus-Kolongewebe, Mausmilzgewebe, Ratten-Thymusgewebe

IF : Jurkat-Zellen, Mausmilzgewebe

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

Hintergrundinformationen

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.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Siyang Li	36463319	Commun Biol	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

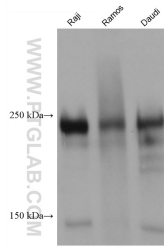
For technical support and original validation data for this product please contact:

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

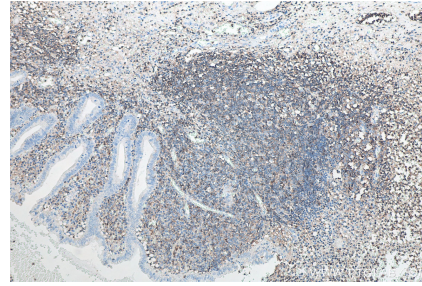
E: proteintech@ptglab.com
W: ptglab.com

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

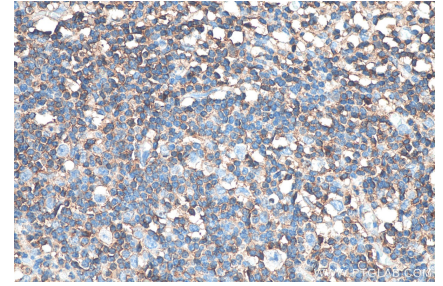
Ausgewählte Validierungsdaten



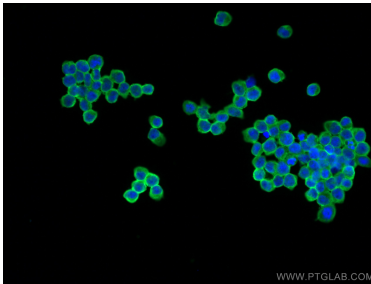
Various lysates were subjected to SDS PAGE followed by western blot with 80297-1-RR (CD45 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



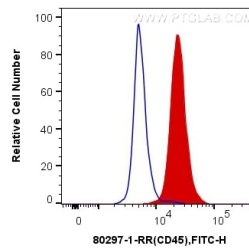
Immunohistochemical analysis of paraffin-embedded human appendicitis tissue slide using 80297-1-RR (CD45 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).