

À des fins de recherche uniquement

Anticorps Monoclonal anti-CD45

Numéro de catalogue: 60287-1-Ig **30 Publications**



Informations de base

Numéro de catalogue: 60287-1-Ig	Numéro d'acquisition GenBank: BC014239	Méthode de purification: Purification par protéine A
Taille: 150ul , Concentration: 2000 µg/ml by Nanodrop;	Identification du gène (NCBI): 5788	CloneNo.: 4E9B2
Hôte: Mouse	Nom complet: protein tyrosine phosphatase, receptor type, C	Dilutions recommandées: WB 1:1000-1:4000 IHC 1:4000-1:16000 IF 1:50-1:500
Isotype: IgG2a	MW calculé: 1304 aa, 147 kDa	
Immunogen Catalog Number: AG13712	MW observés: 220 kDa	

Applications

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

Demandes citées:
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 : tissu splénique de porc, cellules Raji

IHC : tissu d'appendicite humain, tissu d'amygdalite humain, tissu de cancer du foie humain, tissu de côlon de rat, tissu de côlon humain, tissu de thymus de rat, tissu splénique de souris

IF : tissu d'amygdalite humaine, tissu splénique de souris

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
Zhongwei Xin	36115836	Nat Commun	IF
Guang-Nan Jin	36067653	Int Immunopharmacol	IF
Beibei Zhang	34674752	Stem Cell Res Ther	IHC

Stockage

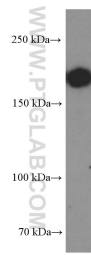
Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

***** Les 20ul contiennent 0,1% de BSA.**

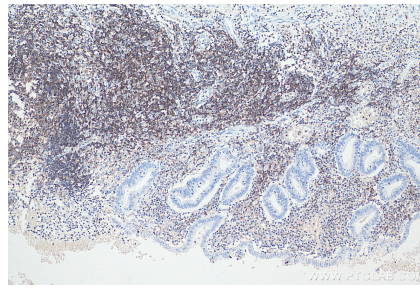
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

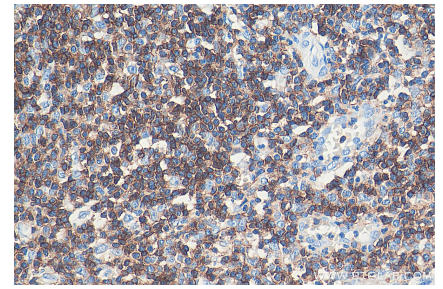
Données de validation sélectionnées



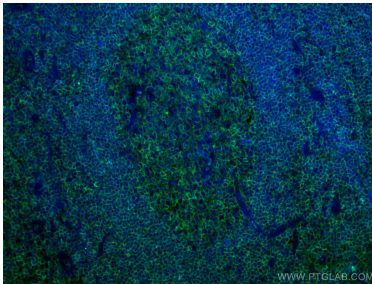
pig spleen tissue were subjected to SDS PAGE followed by western blot with 60287-1-Ig (CD45 Antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



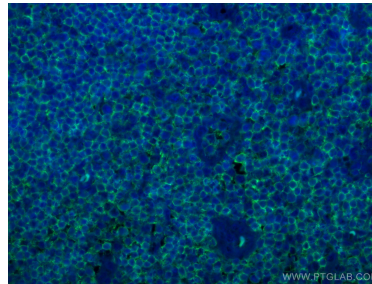
Immunohistochemical analysis of paraffin-embedded human appendicitis tissue slide using 60287-1-Ig (CD45 antibody) at dilution of 1:8000 (under 0x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



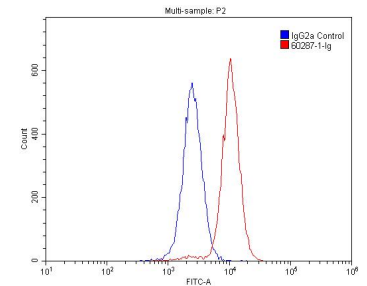
Immunohistochemical analysis of paraffin-embedded human appendicitis tissue slide using 60287-1-Ig (CD45 antibody) at dilution of 1:8000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using 60287-1-Ig (CD45 antibody), at dilution of 1:100 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using 60287-1-Ig (CD45 antibody), at dilution of 1:100 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



1X10⁶ Raji cells were stained with 0.2ug CD45 antibody (60287-1-Ig, red) and control antibody (blue). Fixed with 4% PFA blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L) with dilution 1:1500.