

À des fins de recherche uniquement

Anticorps Monoclonal anti-CXCR3B-specific



Numéro de catalogue: 60065-1-Ig

Phare

15 Publications

Informations de base

Numéro de catalogue: 60065-1-Ig	Numéro d'acquisition GenBank: AF469635	Méthode de purification: Purification par protéine A
Taille: 150ul, Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 2833	CloneNo.: 1B2D6
Hôte: Mouse	Nom complet: chemokine (C-X-C motif) receptor 3	Dilutions recommandées: WB 1:1000-1:6000 IHC 1:50-1:500
Isotype: IgG2b	MW calculé: 46 kDa MW observés: 43 kDa	

Applications

Applications testées:

FC, IHC, WB, ELISA

Demandes citées:

FC, IF, IHC, WB

Spécificité de l'espèce:

Humain

Espèces citées:

Humain, 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 MOLT-4, cellules HT-29, cellules Jurkat, cellules K-562, cellules U-937

IHC : tissu d'amygdalite humaine, tissu cérébral humain, tissu de cancer du foie humain

Informations générales

CXCR3 (C-X-C chemokine receptor type 3) is a G protein-coupled, seven-transmembrane domain chemokine receptor that is expressed on the surface of a number of cell types, including activated CD4+ and CD8+ T cells, NK and NK-T cells, plasmacytoid dendritic cells, and some B cells (PMID: 16847335). CXCR3 binds and is activated by the three IFN-gamma-inducible chemokines: CXCL9, CXCL10, and CXCL11. Binding of these ligands to CXCR3 has been implicated in regulating T-cell infiltration during inflammation and tissue injury (PMID: 17250586). Alternatively spliced transcript variants encoding different isoforms have been found for this gene. One of the isoforms, CXCR3B, mediates the angiostatic activity of CXCR3 ligands and also acts as functional receptor for CXCL4 (PMID:12782716). This monoclonal antibody is specific to CXCR3B.

Publications notables

Autrice	Pubmed ID	Journal	Application
Namita Kundu	31619923	Breast Cancer (Auckl)	FC
Khanh T P Nguyen	31785332	Cell Signal	
Luisa Hueso	29795466	Int J Obes (Lond)	WB,IF

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,1 % 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.

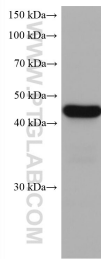
For technical support and original validation data for this product please contact:

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

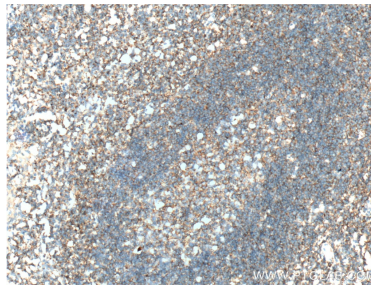
E: proteintech@ptglab.com
W: ptglab.com

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

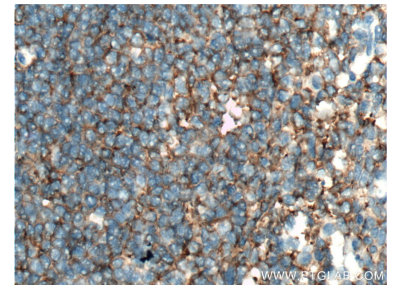
Données de validation sélectionnées



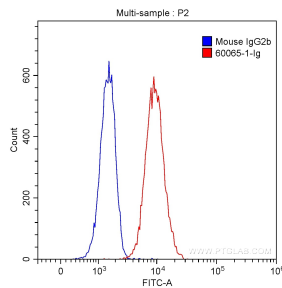
MOLT-4 cells were subjected to SDS PAGE followed by western blot with 60065-1-Ig (CXCR3B-specific antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 60065-1-Ig (CXCR3B-specific 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 60065-1-Ig (CXCR3B-specific antibody at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1×10^6 U-937 cells were stained with 0.2 ug CXCR3B-specific antibody (60065-1-Ig, Clone: 1B2D6) (red), or 0.2 ug isotype control antibody (blue), and CoraLite® 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution of 1:1000. Cells were fixed with 90% MeOH.