

Nur für Forschungszwecke

CXCR3B-specific Monoklonaler Antikörper



Katalog-Nr.: 60065-1-Ig

Vorgestelltes Produkt

15 Publikationen

Allgemeine Informationen

Katalog-Nr.: 60065-1-Ig	GenBank-Zugangsnummer: AF469635	Reinigungsmethode: Protein-A-Reinigung
Größe: 150ul, Konzentration: 1000 µg/ml von2833 Nanodrop;	GeneID (NCBI): chemokine (C-X-C motif) receptor 3	CloneNo.: 1B2D6
Wirt: Maus	Vollständiger Name: chemokine (C-X-C motif) receptor 3	Empfohlene Verdünnungen: WB 1:1000-1:6000 IHC 1:50-1:500
Isotyp: IgG2b	Berechnete Masse: 46 kDa	
	Beobachtete Masse: 43 kDa	

Anwendungen

Geprüfte Anwendungen:

FC, IHC, WB, ELISA

In Publikationen genannte Anwendungen:

FC, IF, IHC, WB

Getestete Reaktivität:

Human

Zitierte Arten:

Human, Maus

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

Positivkontrollen:

WB: MOLT-4-Zellen, HT-29-Zellen, Jurkat-Zellen, K-562-Zellen, U-937-Zellen

IHC: humanes Tonsillitisgewebe, humanes Hirngewebe, humanes Leberkarzinomgewebe

Hintergrundinformationen

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.

Bemerkenswerte Veröffentlichungen

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

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

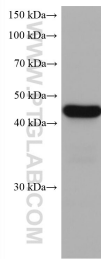
For technical support and original validation data for this product please contact:

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

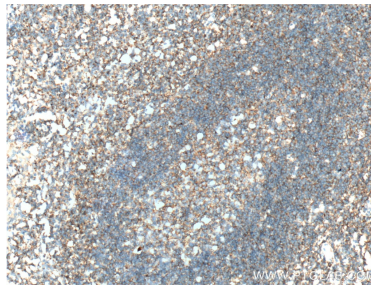
E: proteintech@ptglab.com
W: ptglab.com

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

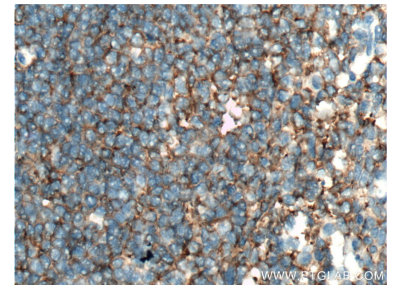
Ausgewählte Validierungsdaten



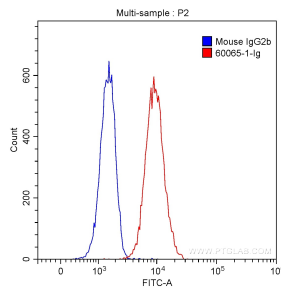
MOLT-4 cells were subjected to SDS PAGE followed by western blot with 60065-1-Ig (CXCR3B-specific antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



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.