

À des fins de recherche uniquement

Anticorps Monoclonal anti-CXCR7

Numéro de catalogue: 60216-1-Ig **1 Publications**



Informations de base

Numéro de catalogue: 60216-1-Ig	Numéro d'acquisition GenBank: BC036661	Méthode de purification: Purification par protéine A
Taille: 150ul, Concentration: 2700 µg/ml by Nanodrop and 1267 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 57007	CloneNo.: 4C3D7
Hôte: Mouse	Nom complet: chemokine (C-X-C motif) receptor 7	Dilutions recommandées: WB 1:1000-1:6000 IHC 1:20-1:200 IF 1:200-1:800
Isotype: IgG2b	MW calculé: 362 aa, 41 kDa	
Immunogen Catalog Number: AG14247	MW observés: 50-60 kDa	

Applications

Applications testées:

IF, IHC, WB, ELISA

Demandes citées:

IHC

Spécificité de l'espèce:

Humain, souris

Espèces citées:

Humain

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules PC-3, cellules Jurkat, cellules K-562, cellules MG U-87, cellules Raji, cellules THP-1

IHC : tissu de cancer du sein humain,

IF : tissu de cancer du sein humain,

Informations générales

CXCR7 (C-X-C chemokine receptor type 7), also known as RDC1, is a member of the G-protein coupled receptor family. CXCR7 can bind the chemokines CXCL11 and CXCL12 with high affinity, and it also acts as coreceptor with CXCR4 for a restricted number of HIV isolates. Expression of CXCR7 has been associated with cardiac development as well as with tumor growth and progression. This antibody recognizes endogenous CXCR7, which has an experimentally determined molecular weight of 50 kDa (PMID: 20197403; 20388803).

Publications notables

Autrice	Pubmed ID	Journal	Application
Pedro Bargão Santos	32278731	Urol Oncol	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.

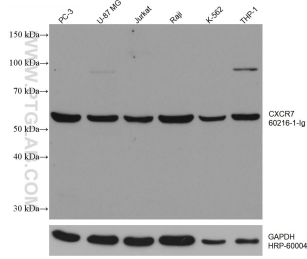
For technical support and original validation data for this product please contact:

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

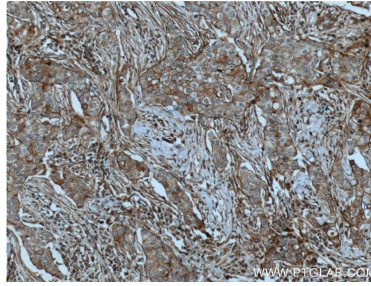
E: proteintech@ptglab.com
W: ptglab.com

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

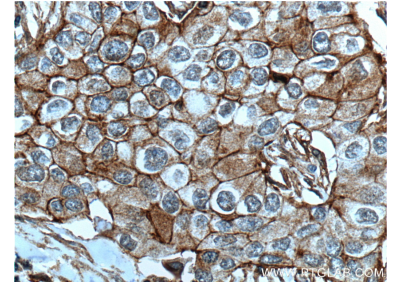
Données de validation sélectionnées



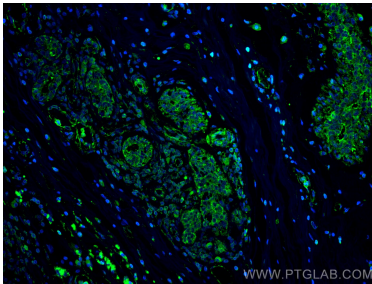
Various lysates were subjected to SDS PAGE followed by western blot with 60216-1-Ig (CXCR7 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



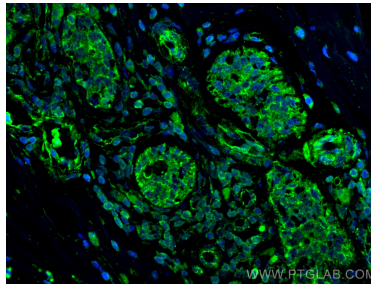
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 60216-1-Ig (CXCR7 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 60216-1-Ig (CXCR7 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed human breast cancer tissue using CXCR7 antibody (60216-1-Ig, Clone: 4C3D7) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed human breast cancer tissue using CXCR7 antibody (60216-1-Ig, Clone: 4C3D7) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).