

For Research Use Only

CoraLite® Plus 488-conjugated CXCR7 Recombinant antibody

Catalog Number:CL488-83927



Basic Information

Catalog Number: CL488-83927	GenBank Accession Number: BC036661	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 57007	CloneNo.: 240842C9
Source: Rabbit	UNIPROT ID: P25106	Recommended Dilutions: IF/ICC 1:400-1:1600
Isotype: IgG	Full Name: chemokine (C-X-C motif) receptor 7	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG14247	Calculated MW: 362 aa, 41 kDa	
	Observed MW: 50 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : Jurkat cells,
Species Specificity: human	

Background Information

CXCR7 (C-X-C chemokine receptor type 7), also known as RDC1, is a G-protein coupled receptor family member. CXCR7 can bind the chemokines CXCL11 and CXCL12 with high affinity, and it also acts as a coreceptor with CXCR4 for a restricted number of HIV isolates. The expression of CXCR7 has been associated with cardiac development, tumor growth, and progression.

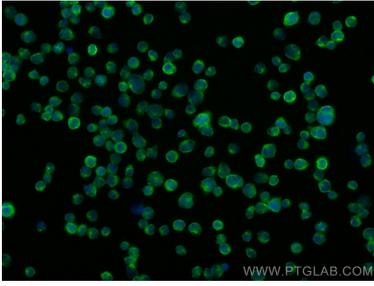
Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3
Aliquoting is unnecessary for -20°C storage

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

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using CoraLite® Plus 488 CXCR7 antibody (CL488-83927, Clone: 240842C9) at dilution of 1:800.