

For Research Use Only

# CoraLite® Plus 488-conjugated CXCR7 Recombinant antibody

Catalog Number: CL488-83927



## Basic Information

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

## Applications

<b>Tested Applications:</b> IF/ICC	<b>Positive Controls:</b> IF/ICC : Jurkat cells,
<b>Species Specificity:</b> 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.

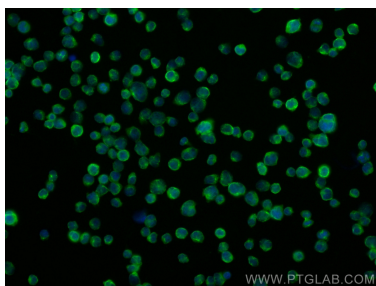
## Storage

**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)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using CoraLite® Plus 488 CXC7 antibody (CL488-83927, Clone: 240842C9) at dilution of 1:800.