

CoraLite® Plus 488-conjugated CXCR7 Monoclonal antibody

Catalog Number: **CL488-60216**

Basic Information

Catalog Number: CL488-60216	GenBank Accession Number: BC036661	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 57007	CloneNo.: 4C3D7
Source: Mouse	UNIPROT ID: P25106	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG2b	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: 50-60 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : SW480 cells,
Species Specificity: human, mouse	

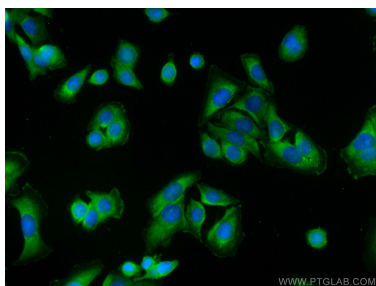
Background Information

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).

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, pH 7.3.
Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed SW480 cells using CoraLite® Plus 488 CXCR7 antibody (CL488-60216, Clone: 4C3D7) at dilution of 1:200.