

For Research Use Only

APC-conjugated CXCR6 Recombinant antibody

Catalog Number: APC-84591



Basic Information

Catalog Number: APC-84591	GenBank Accession Number: BC033584	Purification Method: Protein A purification
Size: 100ul , Concentration: 200 µg/ml by Nanodrop;	GeneID (NCBI): 10663	CloneNo.: 241662E5
Source: Rabbit	UNIPROT ID: O00574	Recommended Dilutions: IF-P 1:50-1:500
Isotype: IgG	Full Name: chemokine (C-X-C motif) receptor 6	Excitation/Emission maxima wavelengths: 650 nm / 660 nm
	Calculated MW: 39 kDa	
	Observed MW: 45 kDa	

Applications

Tested Applications: IF-P	Positive Controls: IF-P : human tonsillitis tissue,
Species Specificity: human	

Background Information

CXCR6, or C-X-C chemokine receptor 6, is a G protein-coupled receptor with seven transmembrane domains that belong to the CXC chemokine receptor family. This family also includes CXCR1, CXCR2, CXCR3, CXCR4, CXCR5, and CXCR7. CXCR6 is expressed in several T lymphocyte subsets and bone marrow stromal cells. The encoded protein and its exclusive ligand, chemokine ligand 16 (CCL16), are part of a signaling pathway that regulates T lymphocyte migration to various peripheral tissues such as the liver, spleen red pulp, intestine, lungs, and skin. CXCR6 plays a crucial role in immunosurveillance through its interaction with epithelial cells and certain subpopulations of intratumor dendritic cells (DC), particularly DC3, which express CXCL16 at the membrane.

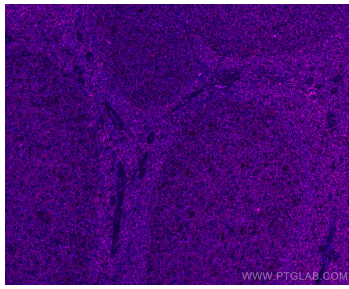
Storage

Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide and 0.5% BSA.

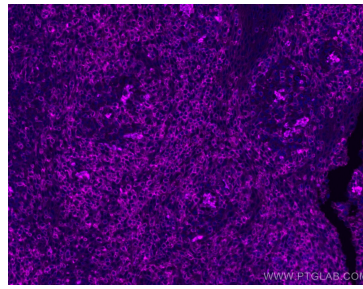
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded human tonsillitis tissue using APC CXC6 antibody (APC-84591, Clone: 241662E5) at dilution of 1:200. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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