

For Research Use Only

# APC-conjugated CXCR6 Recombinant antibody

Catalog Number: APC-84591



## Basic Information

Catalog Number:

APC-84591

Concentration:

200 ug/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC033584

GeneID (NCBI):

10663

UNIPROT ID:

O00574

Full Name:

chemokine (C-X-C motif) receptor 6

Calculated MW:

39 kDa

Observed MW:

45 kDa

Purification Method:

Protein A purification

CloneNo.:

241662E5

Recommended Dilutions:

IF-P 1:50-1:500

Excitation/Emission maxima

wavelengths:

650 nm / 660 nm

## Applications

Tested Applications:

IF-P

Species Specificity:

human

Positive Controls:

IF-P : human tonsillitis tissue,

## Background Information

CXCR6, or C-X-C chemokine receptor 6, is a G protein-coupled receptor with seven transmembrane domains that belong to the CXCR 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:

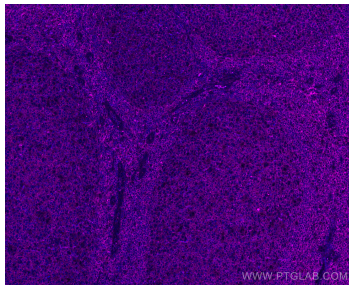
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

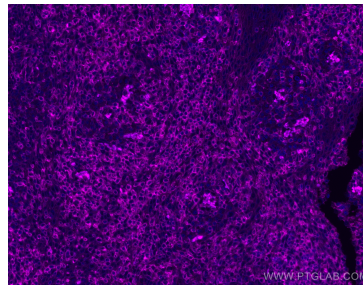
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## Selected Validation Data



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).



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).