

CXCR3 RABBIT PAB

Cat.#: S216456

Product Name: Anti-CXCR3 Rabbit Polyclonal Antibody

Synonyms: GPR9; MigR; CD182; CD183; Mig-R; CKR-L2; CMKAR3; IP10-R

UNIPROT ID: P49682 (Gene Accession - BC034403)

Background: This gene encodes a G protein-coupled receptor with selectivity for three chemokines, termed CXCL9/Mig (monokine induced by interferon-g), CXCL10/IP10 (interferon-g-inducible 10 kDa protein) and CXCL11/I-TAC (interferon-inducible T cell α -chemoattractant). Binding of chemokines to this protein induces cellular responses that are involved in leukocyte traffic, most notably integrin activation, cytoskeletal changes and chemotactic migration. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. One of the isoforms (CXCR3-B) shows high affinity binding to chemokine, CXCL4/PF4 (PMID:12782716).

Immunogen: Fusion protein of human CXCR3

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 50-200;WB: 500-2000;ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

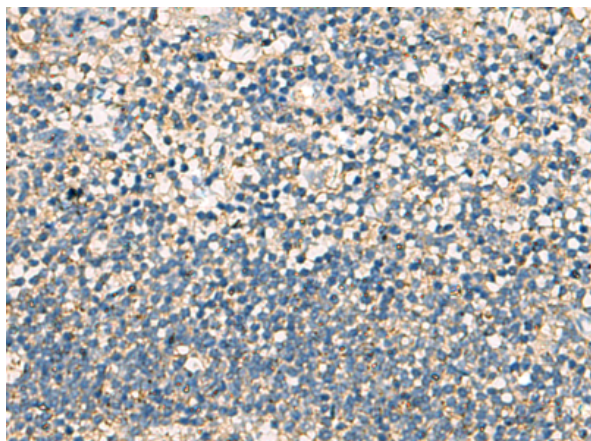
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse

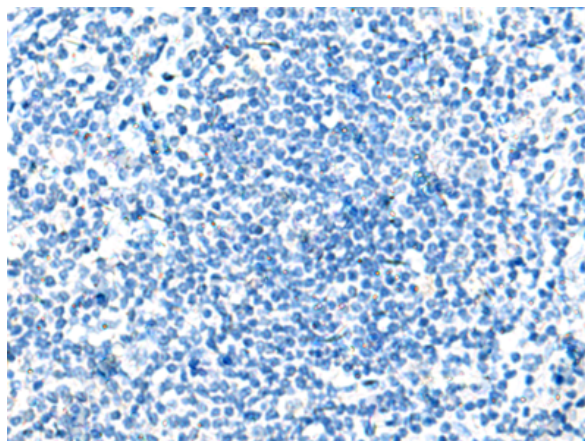
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Signal Transduction, Cardiovascular, Immunology

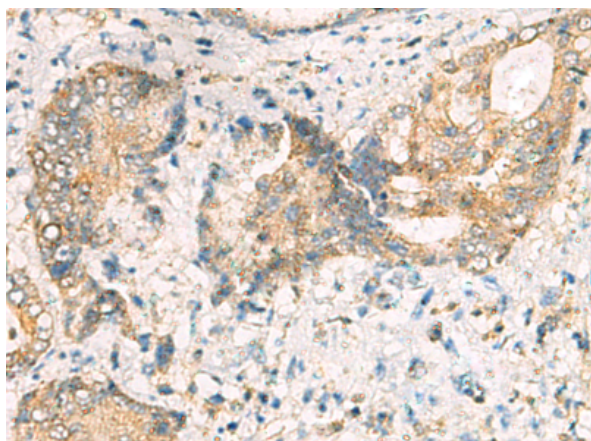
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



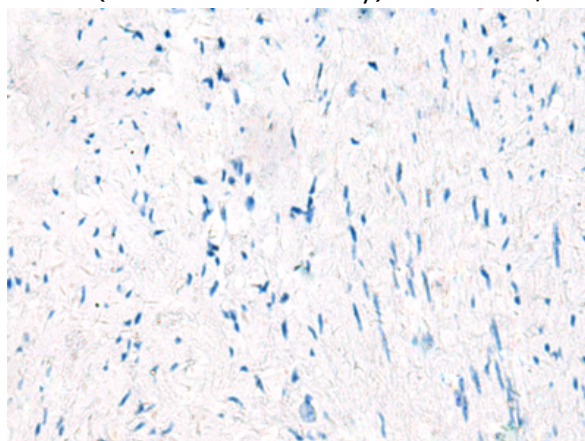
Immunohistochemistry analysis of paraffin embedded Human tonsil tissue using 216456(CXCR3 Antibody) at a dilution of 1/70(Cytoplasm and Cell membrane).



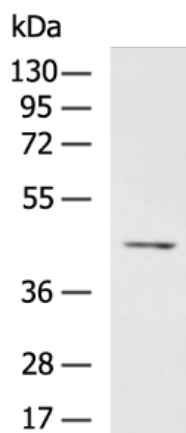
In comparison with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with the fusion protein and then with 216456(Anti-CXCR3 Antibody) at dilution 1/70.



The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using 216456(Anti-CXCR3 Antibody) at a dilution of 1/70.



In comparison with the IHC on the left, the same paraffin-embedded Human cervical cancer tissue is first treated with fusion protein and then with D220505(Anti-CXCR3 Antibody) at dilution 1/70.



Gel: 8%SDS-PAGE, Lysate: 40 µg;
 Lane: LO2 cell lysate ;
 Primary antibody: 216456(CXCR3 Antibody) at dilution 1/700;
 Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;
 Exposure time: 6 seconds



Product Description

Pioneering GTPase and Oncogene Product Development since 2010
