

Product datasheet for **TA336350**

CXCR3 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ICC/IF, IHC, WB
Recommended Dilution:	Immunohistochemistry, Immunohistochemistry-Paraffin: 1:10 - 1:500, Western Blot: 1 - 3 ug/mL, Proximity Ligation Assay, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Frozen
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	This antibody was developed against a synthetic peptide corresponding to amino acids 290-303 of human CXCR3.
Formulation:	PBS containing 0.05% BSA, 0.05% Sodium Azide. Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Concentration:	lot specific
Purification:	Protein G purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	41 kDa
Gene Name:	C-X-C motif chemokine receptor 3
Database Link:	NP_001495 Entrez Gene 12766 Mouse Entrez Gene 2833 Human P49682



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Background:

Chemokines play important roles in inflammation and critical for the recruitment of effector immune cells to sites of infection. Historically, CD183 was the third CXC chemokine receptor discovered and therefore, commonly designated as CXCR3. Binding of chemokines to CD183 induces cellular responses that are involved in leukocyte traffic, most notably integrin activation, cytoskeletal changes and chemotactic migration. The CXC chemokine receptor (CXCR) 3, a G-protein-coupled 7-transmembrane receptor, is expressed at high levels on activated and memory T cells, B cells, natural killer cells, and plasmacytoid monocytes.

Synonyms:

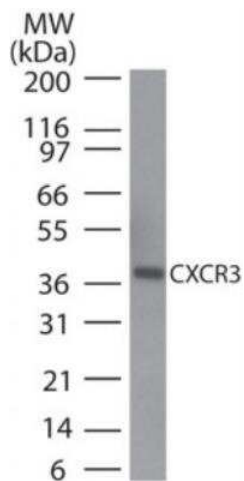
CD182; CD183; CKR-L2; CMKAR3; GPR9; IP10-R; Mig-R; MigR

Protein Families:

Druggable Genome, GPCR, Transmembrane

Protein Pathways:

Chemokine signaling pathway, Cytokine-cytokine receptor interaction

Product images:

Western Blot: CXCR3 Antibody TA336350 - Analysis of CXCR3 in human pancreas lysate using CXCR3 antibody at 2 ug/mL. Goat anti-rabbit Ig HRP secondary antibody and PicoText ECL substrate solution were used for this test.