

Product datasheet for **TA323906**

CXCR3 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 25-100 Positive control: Human thyroid cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to a region derived from 2-89 amino acids of human chemokine (C-X-C motif) receptor 3
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
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:

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 a-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).

Synonyms:

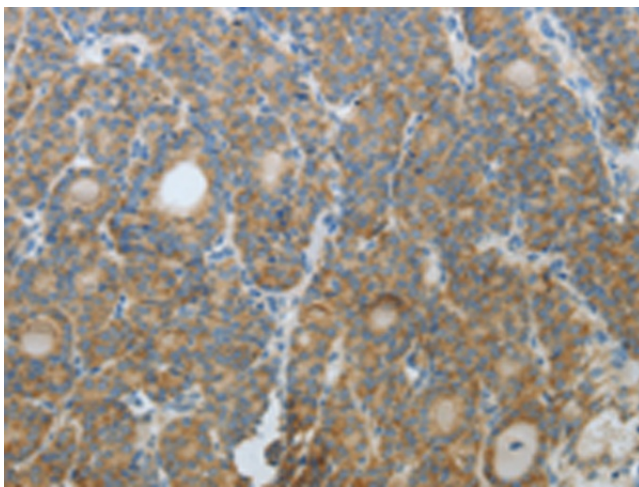
CD182; CD183; CKR-L2; CMKAR3; GPR9; IP10-R; Mig-R; MigR

Protein Families:

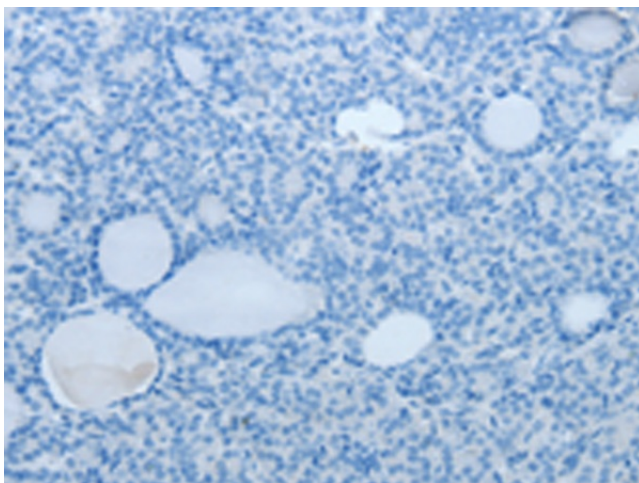
Druggable Genome, GPCR, Transmembrane

Protein Pathways:

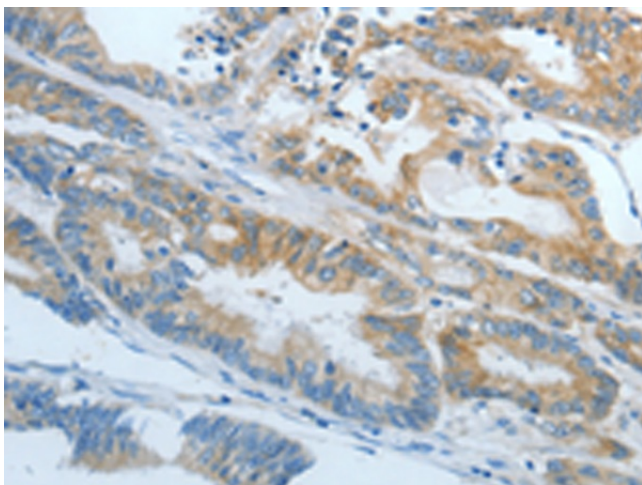
Chemokine signaling pathway, Cytokine-cytokine receptor interaction

Product images:

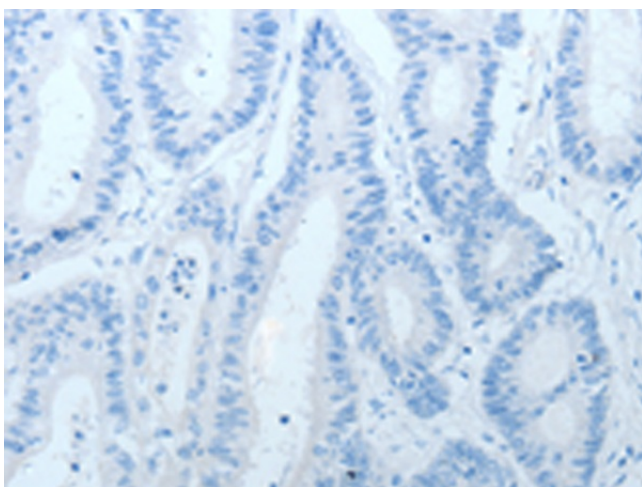
Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA323906 (CXCR3 Antibody) at dilution 1/20 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA323906 (CXCR3 Antibody) at dilution 1/20, treated with fusion protein. (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA323906 (CXCR3 Antibody) at dilution 1/20 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA323906 (CXCR3 Antibody) at dilution 1/20, treated with fusion protein. (Original magnification: $\times 200$)