

Product datasheet for **TA326704**

CXCR3 Rabbit Polyclonal Antibody

Product data:

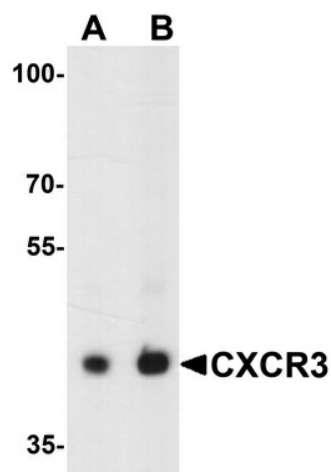
Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	WB: 1 - 2 ug/mL, ICC: 5 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	CXCR3 antibody was raised against a 19 amino acid peptide near the carboxy terminus of human CXCR3
Formulation:	CXCR3 antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	CXCR3 antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	Predicted: 46 kDa; Observed: 43 kDa
Gene Name:	C-X-C motif chemokine receptor 3
Database Link:	NP_001136269 Entrez Gene 2833 Human P49682
Background:	The CXCR3 protein is a G protein-coupled receptor with selectivity for three chemokines, termed CXCL9/Mig (monokine induced by interferon-gamma), CXCL10/IP10 (interferon-gamma-inducible 10 kDa protein) and CXCL11/I-TAC (interferon-inducible T cell alpha-chemoattractant) (reviewed in 1). Binding of chemokines to this protein induces cellular responses that are involved in leukocyte traffic, most notably integrin activation, cytoskeletal changes and chemotactic migration (2). Similar to other chemokine receptors such as CXCR4, CXCR3 has been implicated in several malignancies as a biomarker of tumor behavior as well as a potential therapeutic target (3).



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

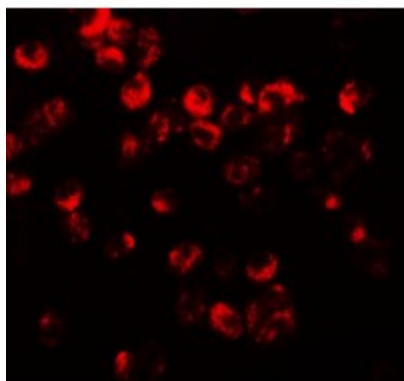
Product images:



Western blot analysis of CXCR3 in HepG2 lysate with CXCR3 antibody at (A) 1 and (B) 2 ug/ml.



Immunocytochemistry of CXCR3 in HepG2 cells with CXCR3 antibody at 5 ug/mL.



Immunofluorescence of CXCR3 in HepG2 cells with CXCR3 antibody at 20 ug/mL.