

CXCR3

Human C-X-C Chemokine Receptor 3

Catalog No.	CSH1039MP	Quantity:	10 mg
	CSH1039PR		50 µg

Alternate Names: CD183, IP-10 Receptor, GPR9, Mig Receptor, CMKAR3, Mig-R

Description: CXC chemokine receptors are integral membrane proteins, specifically GPCRs, that specifically bind and respond to cytokines of the CXC chemokine family. CXCR3 ligands include CXCL9/Mig (monokine induced by interferon-γ), CXCL10/IP10 (interferon-γ-inducible 10 kDa protein) and CXCL11/I-TAC (interferon-inducible T cell α-chemoattractant). CXCR3 engagement induces cellular responses that are involved in leukocyte traffic, most notably integrin activation, cytoskeletal changes and chemotactic migration.

The receptor is available in the following formats: stable over-expression cell line, membrane preparation, or purified receptor in HEK293 or CHO. Various tagged versions are available.

Gene ID: 2833

UniProtKB: P49682

Format: Cell line, membrane preparation, or purified protein

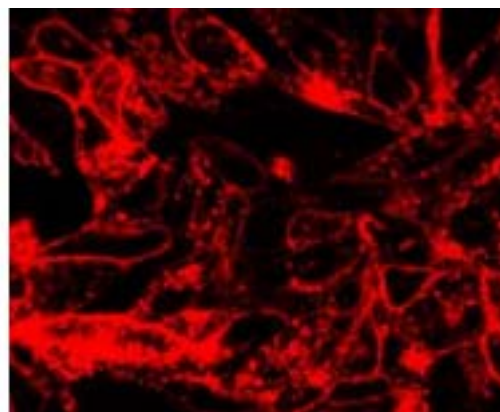
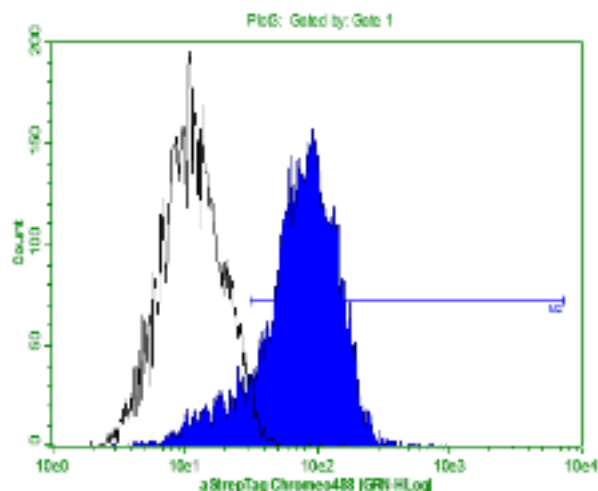
Source: HEK 293 or CHO cells

Characterization: Expression of receptor was verified by immunostaining. Receptor demonstrates biological activity when tested in a radioligand assay.

Affinity Tag Options: Receptor construct: CXCR3 is available in 2xTwinStrep-tag with HIS-tag

Human CXCR3 was stably overexpressed in CHO cells and expression was assessed by flow cytometry with StrepTactin Chromeo 488

Human CXCR3 was stably overexpressed in CHO cells and expression was assessed by immunostaining with StrepTactin Chromeo 546



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