

CXCR3-specific antibody

Product Information

Catalog No.:	FNab02101
Size:	100µg
Form:	liquid
Purification:	Protein A+G purification
Purity:	≥95% as determined by SDS-PAGE
Host:	Mouse
Clonality:	monoclonal
Clone ID:	6F7
IsoType:	IgG1
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

CXCR3(C-X-C chemokine receptor type 3) is a G protein-coupled, seven-transmembrane domain chemokine receptor that is expressed on the surface of a number of cell types, including activated CD4⁺ and CD8⁺ T cells, NK and NK-T cells, plasmacytoid dendritic cells, and some B cells(PMID: 16847335). CXCR3 binds and is activated by the three IFN-gamma-inducible chemokines: CXCL9, CXCL10, and CXCL11. Binding of these ligands to CXCR3 has been implicated in regulating T-cell infiltration during inflammation and tissue injury(PMID: 17250586). Alternatively spliced transcript variants encoding different isoforms have been found for this gene. One of the isoforms, CXCR3B, mediates the angiostatic activity of CXCR3 ligands and also acts as functional receptor for CXCL4(PMID:12782716). This monoclonal antibody is specific to CXCR3B.

Immunogen information

Immunogen:	chemokine(C-X-C motif) receptor 3
Synonyms:	C-X-C chemokine receptor type 3 (CXC-R3, CXCR-3) CKR-L2 G protein-coupled receptor 9 Interferon-inducible protein 10 receptor (IP-10 receptor) CXCR3 GPR9
Observed MW:	40 kDa+43 kDa
Uniprot ID :	P49682

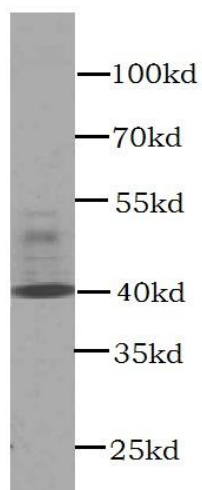
Application

Reactivity: Human

Tested Application: ELISA, WB

Recommended dilution: WB: 1:500-1:5000

Image:



HeLa cells were subjected to SDS PAGE followed by western blot with FNab02101(CXCR3B antibody) at dilution of 1:2000