

Anti-CXCR3 Monoclonal Antibody

Catalog Number: M00295

About CXCR3

C3 plays a central role in the activation of the complement system. Its processing by C3 convertase is the central reaction in both classical and alternative complement pathways. After activation C3b can bind covalently, via its reactive thioester, to cell surface carbohydrates or immune aggregates.

Overview

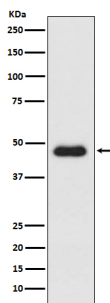
Product Name	Anti-CXCR3 Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-CXCR3 Monoclonal Antibody catalog # M00295. Tested in WB, ICC/IF, IP applications. This antibody reacts with Human.
Application	IP, IF, ICC, WB
Clonality	Monoclonal ACFD-3
Formulation	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P49682

Technical Details

Immunogen	A synthesized peptide derived from human CXCR3 Receptor for CXCL9, CXCL10 and CXCL11 and mediates the proliferation of human mesangial cells (HMC) . Isoform 2 is a receptor for CXCL4 and also mediates the inhibitory activities of CXCL9, CXCL10 and CXCL11 on the growth of human microvascular endothelial cells (HMVEC) . May play a role in angiogenesis.
Isotype	Rabbit IgG
Form	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Affinity-chromatography
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the

optimal dilution ratio for your samples.
Some PubMed article(s) citing the expression level of this target are as follows:
Boster Bio's internal QC testing used:
WB 1:500-1:2000
ICC/IF 1:50-1:200
IP 1:50

Anti-CXCR3 Monoclonal Antibody (M00295) Images



Western blot analysis of CXCR3 expression in K562 cell lysate.

2 Publications Citing This Product

1. PubMed ID: 26823797, Impact of chemokine receptor CXCR3 on tumor-infiltrating lymphocyte recruitment associated with favorable prognosis in advanced gastric cancer
2. PubMed ID: 26883105, An alternatively spliced variant of CXCR3 mediates the metastasis of CD133+ liver cancer cells induced by CXCL9

Visit bosterbio.com/anti-cxcr3-antibody-m00295-boster.html to see all 2 publications.

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