

Anti-CXCR4 Monoclonal Antibody

Catalog Number: M00031

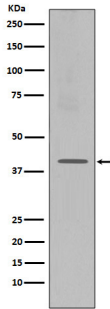
Overview

Product Name	Anti-CXCR4 Monoclonal Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-CXCR4 Monoclonal Antibody catalog # M00031. Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Mouse.
Application	IF, IHC, ICC, WB
Clonality	Monoclonal CID-3
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
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	P61073

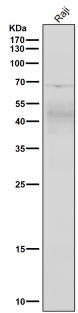
Technical Details

Immunogen	A synthesized peptide derived from human CXCR4
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB 1:100-1:200 IHC 1:50-1:200 ICC/IF 1:50-1:200

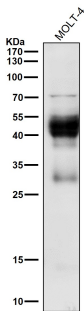
Anti-CXCR4 Monoclonal Antibody (M00031) Images



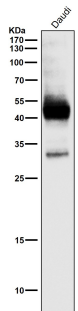
Western blot analysis of CXCR4 expression in Jurkat cell lysate.



All lanes use the Antibody at 1:500 dilution for 1 hour at room temperature.

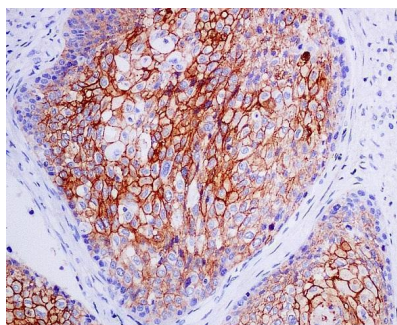
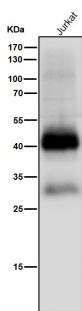


All lanes use the Antibody at 1:500 dilution for 1 hour at room temperature.

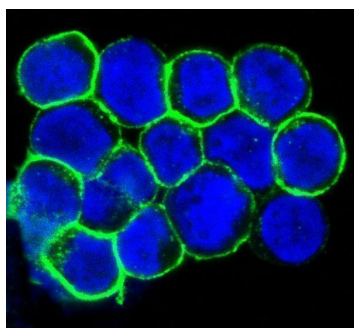


All lanes use the Antibody at 1:500 dilution for 1 hour at room temperature.

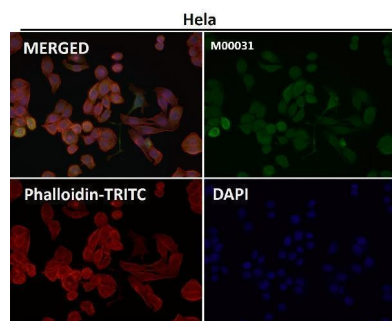
All lanes use the Antibody at 1:500 dilution for 1 hour at room temperature.



Immunohistochemical analysis of paraffin-embedded human cervical carcinoma, using CXCR4 Antibody.



Immunofluorescent analysis of Jurkat cells, using CXCR4 Antibody .



Immunofluorescent analysis using the Antibody at 1:50 dilution.

5 Publications Citing This Product

1. PubMed ID: 33413641, Gao W, Yang X, Du J, Wang H, Zhong H, Jiang J, Yang C. Glucocorticoid guides mobilization of bone marrow stem/progenitor cells via FPR and CXCR4 coupling. *Stem Cell Res Ther.* 2021 Jan 7;12(1):16. doi:10.1186/s13287-020-02071-1. PMID:33413641; PMCID:PMC7791823.
2. PubMed ID: 25471741, Blockade of CXCL12/CXCR4 signaling inhibits intrahepatic cholangiocarcinoma progression and metastasis via inactivation of canonical Wnt pathway
3. PubMed ID: 18983683, Chemokine CXCL12 and its receptor CXCR4 expression are associated with perineural invasion of prostate cancer

Visit bosterbio.com/anti-cxcr4-antibody-m00031-boster.html to see all 5 publications.

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