BOSTER BIOLOGICAL TECHNOLOGY
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Anti-CXCR5 Antibody Picoband®

Catalog Number: PA2021

About CXCR5

CXCR5 (Chemokine CXC Motif Receptor 5), also known as BLR1, is a G protein-coupled seven transmembrane receptor for chemokine CXCL13 (also known as BLC) and belongs to the CXC chemokine receptor family. In humans, the CXC-R5 protein is encoded by the CXCR5 gene. The gene plays an essential role in B cell migration. Reif et al. (2002) concluded that their findings defined the mechanism of B-cell relocalization in response to antigen, and established that cell position in vivo can be determined by the balance of responsiveness to chemoattractants made in separate but adjacent zones. Chan et al. (2003) investigated the expression of chemokines and chemokine receptors in eyes with primary intraocular B-cell lymphoma (PIOL).

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Overview

Product Name	Anti-CXCR5 Antibody Picoband®
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-CXCR5 Antibody catalog # PA2021. Tested in WB applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Application	WB
Clonality	Polyclonal
Formulation	Each vial contains antibody formulated with stabilizing components, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3. *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 from date of receipt. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for six months. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P32302

BOSTER
antibody and ELISA experts

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Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human CXCR5, identical to the related rat and mouse sequences.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 0.1-0.5ug/ml, Human, Rat, Mouse

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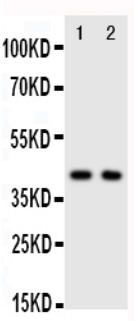
Anti-CXCR5 Antibody Picoband® (PA2021) Images



Anti-CXCR5 antibody, PA2021, Western blottingLane 1: Rat Spleen Tissue LysateLane 2: HELA Cell Lysate

Anti-CXCR5 Antibody

For Research Use Only. Not for use in diagnostic procedures.