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antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY
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Anti-CXCR5 Antibody Picoband® PE Conjugated

Catalog Number: PA2021-PE

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).

Overview

Product Name	Anti-CXCR5 Antibody Picoband® PE Conjugated
Reactive Species	Human, Mouse, Rat
Application	Flow Cytometry
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na2HPO4, 0.02% NaN3.
Storage Instructions	At -20˚C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	P32302

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.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	PE Excitation Wavelength: 566 nm Emission Wavelength: 574 nm

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Suggested Dilutions	Flow Cytometry, Optimal dilutions should be determined by end users.

Anti-CXCR5 Antibody - PE

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