

Anti-CXCR5 Antibody Picoband® Fluoro488 Conjugated

Catalog Number: PA2021-Fluoro488

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

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| Product Name | Anti-CXCR5 Antibody Picoband® Fluoro488 Conjugated |
| Reactive Species | Human, Mouse, Rat |
| Application | Flow Cytometry |
| Clonality | Polyclonal |
| Formulation | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% NaN ₃ . |
| 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

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| 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 | Fluoro488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm |

Suggested Dilutions

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

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