

Anti-C-C chemokine receptor type 9 CCR9 Antibody Picoband®

Catalog Number: PA2122

About CCR9

C-C chemokine receptor type 9, also called GPR-9-6 or CDw199, is a protein that in humans is encoded by the CCR9 gene. The protein encoded by this gene is a member of the beta chemokine receptor family. By radiation hybrid analysis and organization of BAC contigs by FISH on combed genomic DNA, the CCR9 gene within the CCR cluster was localized at 3p21.3. It is the receptor for chemokine SCYA25/TECK. This gene subsequently transduces a signal by increasing the intracellular calcium ions level. It is an alternative coreceptor with CD4 for HIV-1 infection. This gene may play a role in the thymocytes recruitment and development that may permit functional specialization of immune responses in different segment of the gastrointestinal tract.

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Overview

Product Name	Anti-C-C chemokine receptor type 9 CCR9 Antibody Picoband®
Reactive Species	Human
Description	Boster Bio Anti-C-C chemokine receptor type 9 CCR9 Antibody catalog # PA2122. Tested in WB applications. This antibody reacts with Human. 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	P51686

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human CCR9.
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

Anti-C-C chemokine receptor type 9 CCR9 Antibody Picoband® (PA2122) Images



Anti-CCR9 antibody, PA2122, Western blotting All lanes: Anti CCR9 (PA2122) at 0.5ug/ml Lane 1: JURKAT Whole Cell Lysate at 40ug Lane 2: HELA Whole Cell Lysate at 40ug Lane 3: SMMC Whole Cell Lysate at 40ug Predicted bind size: 42KD Observed bind size: 42KD

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