BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-Bonzo/CXCR6 Antibody Picoband®

Catalog Number: PA2082

About CXCR6

CXCR6 (Chemokine,CXC Motif, Receptor 6), also known as STRL33, is a protein that in humans is encoded by the CXCR6 gene. By Southern blot analysis of genomic DNA and somatic cell hybrid analysis, Liao et al. (1997) mapped the single-copy STRL33 gene to chromosome 3. Matloubian et al. (2000) found that human and mouse cells expressing CXCR6 showed a strong chemotactic response to CXCL16 but not to other chemokines. The authors concluded that CXCL16 and CXCR6 probably function in interactions between dendritic cells and T cells and in regulating T-cell migration in the splenic red pulp. Kim et al. (2001) concluded that CXCR6 may be important in the trafficking of effector T cells mediating type-1 inflammation.

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Overview

Product Name	Anti-Bonzo/CXCR6 Antibody Picoband®
Reactive Species	Human
Description	Boster Bio Anti-Bonzo/CXCR6 Antibody catalog # PA2082. Tested in IHC, 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	IHC, WB
Clonality	Polyclonal
Formulation	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2mg Na2HPO4, 0.05 mg NaN3.
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	O00574

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Bonzo, different from the related mouse and rat sequences by three amino acids.

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Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit (SV0002-1) for IHC(P).
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	Immunohistochemistry (Paraffin-embedded Section), 0.5-1ug/ml, Human Western blot, 0.1-0.5ug/ml, Human

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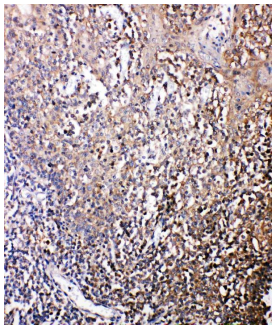
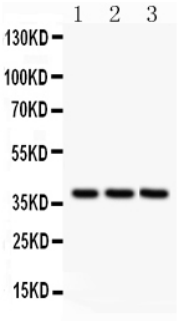
Anti-Bonzo/CXCR6 Antibody Picoband® (PA2082) Images



Anti-Bonzo antibody, PA2082, IHC(P)IHC(P): Human Tonsil Tissue



Anti-Bonzo antibody, PA2082, Western blottingAll lanes: Anti Bonzo (PA2082) at 0.5ug/mlLane 1: HELA Whole Cell Lysate at 40ugLane 2: JURKAT Whole Cell Lysate at 40ugLane 3: MCF-7 Whole Cell Lysate at 40ugPredicted bind size: 39KDObserved bind size: 39KD

Anti-Bonzo/CXCR6 Antibody

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