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Anti-C-X-C motif chemokine 16 CXCL16 Antibody Picoband®

Catalog Number: PA1460

About Cxcl16

CXCL16, Chemokine (C-X-C motif) ligand 16, is a small cytokine belonging to the CXC chemokine family. Larger than other chemokines (with 254 amino acids), CXCL16 is composed of a CXC chemokine domain, a mucin-like stalk, a transmembrane domain and a cytoplasmic tail containing a potential tyrosine phosphorylation site that may bind SH2. By somatic cell hybrid analysis, the CXCL16 gene is mapped to 17p13, a locus separate from all other known chemokines. Chemotaxis assays found that CXCL16 induced a strong chemotactic response in activated CD8 T cells. In addition, CXCL16 induced calcium mobilization.

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Overview

Product Name	Anti-C-X-C motif chemokine 16 CXCL16 Antibody Picoband®
Reactive Species	Mouse
Description	Boster Bio Anti-C-X-C motif chemokine 16 CXCL16 Antibody catalog # PA1460. Tested in IHC, WB applications. This antibody reacts with Mouse. 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 and 0.2mg Na2HPO4.
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	Q8BSU2

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence in the middle region of mouse CXCL16.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western

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	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, Mouse Western blot, 0.1-0.5ug/ml, Mouse

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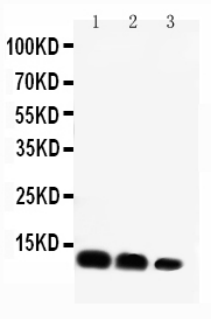
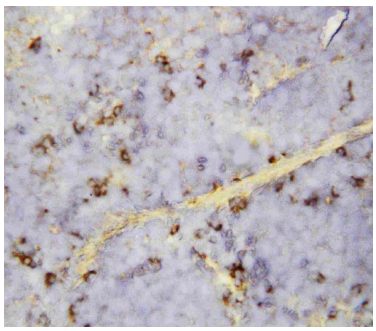
Anti-C-X-C motif chemokine 16 CXCL16 Antibody Picoband® (PA1460) Images



Anti-CXCL16 antibody, PA1460, Western blottingLane 1: Recombinant Mouse CXCL16 Protein 10ngLane 2: Recombinant Mouse CXCL16 Protein 5ngLane 3: Recombinant Mouse CXCL16 Protein 2.5ng



Anti-CXCL16 antibody, PA1460, IHC(P)IHC(P): Mouse Spleen Tissue

Anti-C-X-C motif chemokine 16 CXCL16 Antibody

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