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

Anti-IL23 P19/IL23A Antibody Picoband®

Catalog Number: PA1470

About Il23a

IL-23, Interleukin-23, also known as Interleukin-23 subunit alphainin (IL23A), is a heterodimeric cytokine consisting of two subunits, one called p40, which is shared with another cytokine, IL-12, and another called p19 (the IL-23 alpha subunit). The International Radiation Hybrid Mapping Consortium mapped the IL-23 gene to chromosome 12. IL-23 is an important part of the inflammatory response against infection. It promotes upregulation of the matrix metalloprotease MMP9, increases angiogenesis and reduces CD8+ T-cell infiltration.

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Overview

Product Name	Anti-IL23 P19/IL23A Antibody Picoband®
Reactive Species	Mouse
Description	Boster Bio Anti-IL23 P19/IL23A Antibody catalog # PA1470. Tested in 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	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	Q9EQ14

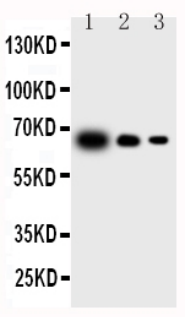
Technical Details

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Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of mouse IL23 P19, different from the related rat sequence by two amino acids.
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, Mouse

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Anti-IL23 P19/IL23A Antibody Picoband® (PA1470) Images



All lanes: Anti-IL23 P19 antibody, PA1470 Lane 1: Recombinant Mouse IL-23 Protein 10ng Lane 2: Recombinant Mouse IL-23 Protein 5ng Lane 3: Recombinant Mouse IL-23 Protein 2.5ng

Anti-IL23 P19/IL23A Antibody

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