

Datasheet for ABIN3043197
anti-IL23A antibody (N-Term)



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1 Image

Overview

Quantity:	100 µg
Target:	IL23A
Binding Specificity:	AA 29-48, N-Term
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL23A antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Rabbit IgG polyclonal antibody for Interleukin-23 subunit alpha(IL23A) detection. Tested with WB in Mouse.
Immunogen:	A synthetic peptide corresponding to a sequence at the N-terminus of mouse IL23 P19(29-48aa DWAQCQQLSRNLCMLAWNAH), different from the related rat sequence by two amino acids.
Sequence:	DWAQCQQLSR NLCMLAWNAH
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	<p>Rabbit IgG polyclonal antibody for Interleukin-23 subunit alpha(IL23A) detection. Tested with WB in Mouse.</p> <p>Gene Name: interleukin 23, alpha subunit p19</p> <p>Protein Name: Interleukin-23 subunit alpha(IL-23 subunit alpha/IL-23-A)</p>

Product Details

Purification: Immunogen affinity purified.

Target Details

Target: IL23A

Alternative Name: IL23A ([IL23A Products](#))

Background: IL-23, Interleukin-23, also known as Interleukin-23 subunit alpha (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.

Synonyms: alpha subunit P19 antibody|IL-23 subunit alpha antibody|IL-23-A antibody|IL-23p19 antibody|IL23 antibody|IL23 P 19 antibody|IL23A antibody|IL23A_HUMAN antibody|IL23P19 antibody|interleukin 23 alpha subunit p19 antibody|interleukin 23 P19 subunit antibody|Interleukin-23 subunit alpha antibody|Interleukin-23 subunit p19 antibody|JKA3 induced upon T cell activation antibody|MGC79388 antibody|P19 antibody|SGRF antibody

Pathways: [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Activated T Cell Proliferation](#)

Application Details

Application Notes: WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Mouse
Notes: Tested Species: Species with positive results. Predicted Species: Species predicted to be fit for the product based on sequence similarities.
Other applications have not been tested. Optimal dilutions should be determined by end users.

Comment: Antibody can be supported by chemiluminescence kit ABIN921124 in WB.

Restrictions: For Research Use only

Handling

Format: Lyophilized

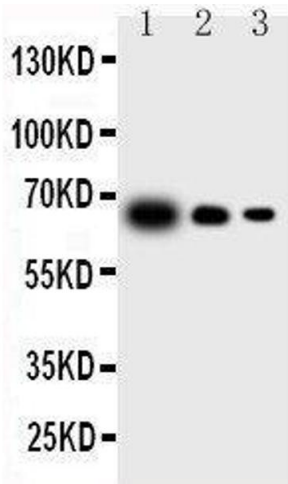
Reconstitution: Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.

Concentration: 500 µg/mL

Handling

Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.05 mg Thimerosal, 0.05 mg Sodium azide.
Preservative:	Thimerosal (Merthiolate), Sodium azide
Precaution of Use:	This product contains Sodium azide and Thimerosal (Merthiolate): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.
Expiry Date:	12 months

Images



Western Blotting

Image 1.