



Datasheet for ABIN7178669

## anti-IL-13 antibody



[Go to Product page](#)

### 1 Image

#### Overview

Quantity:	100 µL
Target:	IL-13 (IL13)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL-13 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

#### Product Details

Immunogen:	Recombinant protein of Human IL13
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Affinity purification

#### Target Details

Target:	IL-13 (IL13)
Alternative Name:	IL13 ( <a href="#">IL13 Products</a> )
Background:	Background: IL-13 is produced by T cells and is important in the TH2 response. IL-13 targets include B cells, eosinophils, fibroblasts, mast cells and macrophages. IL-13 binds specifically to IL-13Ra1 that complexes with IL-4Ra to form the Type II IL-4R. Jak1 and Tyk2 are activated and signal through Stat3 and Stat6. IL-13Ra2 is a different gene product, lacks the intracellular

## Target Details

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domain, does not complex with IL-4R $\alpha$  and does not signal. The extracellular domain of IL-13R $\alpha$ 2 is often elevated in diseased states. IL-13 plays key roles in airway hyperresponsiveness (AHR) of allergic asthma and modulates resistance to parasitic organisms.

Aliases: Allergic rhinitis antibody, ALRH antibody, BHR 1 antibody, BHR1 antibody, Bronchial hyperresponsiveness 1 (bronchial asthma) antibody, IL 13 antibody, IL-13 antibody, IL13 antibody, IL13\_HUMAN antibody, Interleukin 13 antibody, Interleukin-13 antibody, interleukin13 antibody, MGC116786 antibody, MGC116788 antibody, MGC116789 antibody, NC 30 antibody, NC30 antibody, P 600 antibody, P600 antibody

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UniProt: [P35225](#)

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Pathways: [JAK-STAT Signaling](#), [Positive Regulation of Immune Effector Process](#), [Production of Molecular Mediator of Immune Response](#), [Proton Transport](#)

## Application Details

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Application Notes: WB:1:500-1:2000, IHC:1:50-1:200,

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: Store at -20 °C or -80 °C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

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Preservative: Sodium azide

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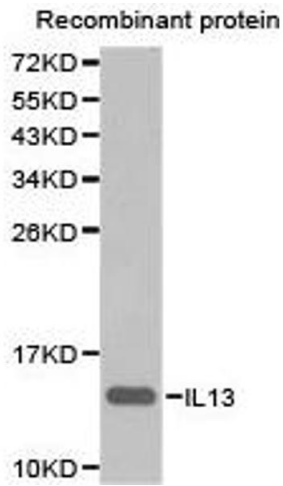
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C,-80 °C

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Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



### Western Blotting

**Image 1.** Western blot analysis of extracts of recombinant protein using IL13 antibody.