



[Go to Product page](#)

Datasheet for ABIN6990631
anti-IL23 antibody (C-Term)

Overview

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|----------------------|---|
| Quantity: | 0.1 mg |
| Target: | IL23 |
| Binding Specificity: | C-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This IL23 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunofluorescence (IF) |

Product Details

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| Immunogen: | Anti-IL-23 antibody was raised against a peptide corresponding to 14 amino acids near the carboxy terminus of mature human IL-23. The immunogen is located the last 50 amino acids of IL-23. |
| Isotype: | IgG |
| Purification: | IL-23 Antibody is affinity chromatography purified via peptide column. |

Target Details

| | |
|-------------------|--|
| Target: | IL23 |
| Alternative Name: | IL-23 (IL23 Products) |
| Background: | IL-23 Antibody: Like interleukin-27 (IL-27), IL-23 is a recently discovered member of the IL-6/IL- |

Target Details

IL-23 is a member of the IL-12 family of proinflammatory and immunoregulatory cytokines. It exists as a heterodimer composed of the IL-12p40 subunit and a novel p19 subunit. IL-23 is secreted by activated dendritic cells, macrophages, and monocytes. Its biological activities include enhancing the proliferation of memory T cells and the production of IFN- γ , IL-12, and TNF- α , from activated T cells, and can stimulate macrophages to produce TNF- α , and nitric oxide. It has also been shown to possess potent anti-tumor and anti-metastatic activity in mouse models of cancer, suggesting a potential role for IL-23 in therapeutic treatment of cancer.

Molecular Weight: Predicted: 21kD
Observed: 22 kD kDa

Gene ID: 51561

UniProt: [Q9NPF7](#)

Application Details

Application Notes: WB: 1-4 μ g/mL, ICC: 10 μ g/mL, IF: 20 μ g/mL, IHC: 5 μ g/mL.

Antibody validated: Western Blot, Immunocytochemistry, Immunofluorescence and Immunohistochemistry in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: IL-23 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

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

Storage: -20 °C, 4 °C

Storage Comment: IL-23 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.