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Datasheet for ABIN6990632
anti-IL23 antibody (N-Term)

Overview

Quantity:	0.1 mg
Target:	IL23
Binding Specificity:	AA 40-90, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL23 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	Anti-IL-23 antibody was raised against a peptide corresponding to 17 amino acids near the amino terminus of human IL-23. The immunogen is located within amino acids 40 - 90 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-12 family of proinflammatory and immunoregulatory cytokines. It exists as a heterodimer

Target Details

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-gamma, 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: 0.25-2 μ g/mL, IF: 20 μ g/mL, IHC: 2 μ g/mL.

Antibody validated: Western Blot in human and mouse samples, Immunofluorescence and Immunohistochemistry in mouse 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.