

Datasheet for ABIN499996  
**anti-IL23A antibody (C-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	0.1 mg
Target:	IL23A
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL23A antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	IL-23 antibody was raised against a 14 amino acid peptide from near the carboxy terminus of human IL-23.
Isotype:	IgG
Specificity:	This antibody reacts to IL-23.
Purification:	Affinity chromatography purified via peptide column

## Target Details

Target:	IL23A
Alternative Name:	Interleukin-23 alpha / IL23A ( <a href="#">IL23A Products</a> )
Background:	Like interleukin-27 (IL-27), IL-23 is a recently discovered member of the IL-6/IL-12 family of

## Target Details

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-gamma, IL-12, and TNF-alpha from activated T cells, and can stimulate macrophages to produce TNF-alpha 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. Synonyms: IL-23 subunit alpha, IL-23p19, Interleukin-23 subunit p19, SGRF

Gene ID: 51561

UniProt: [Q9NPF7](#)

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

## Application Details

Application Notes: ELISA. Western BLot: 2 - 4 µg/mL. Immunocytochemistry.  
Other applications not tested.  
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

## Handling

Buffer: PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

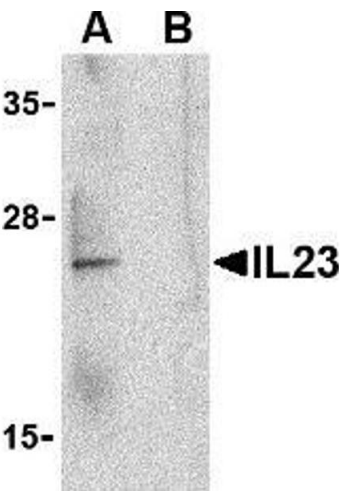
Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C



Immunofluorescence

**Image 1.** Immunocytochemistry of IL-23 in Raji cells with AP30418PU-N IL-23 antibody at 10 µg/ml.



Western Blotting

**Image 2.** Western blot analysis of IL-23 in Raji lysate with AP30418PU-N IL-23 antibody at 1 µg/ml in the (A) absence and (B) presence of blocking peptide.