

Datasheet for ABIN499998
anti-IL23A antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	0.1 mg
Target:	IL23A
Binding Specificity:	N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL23A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	IL-23 antibody was raised against a 16 amino acid peptide from near the amino 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 (IL23A Products)

Target Details

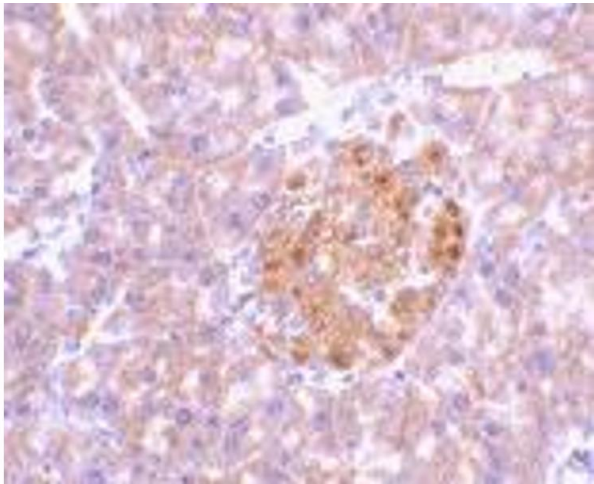
Background:	Like interleukin-27 (IL-27), IL-23 is a recently discovered member of the IL-6/IL-12 family of proinflammatory and immunoregulatory cytokines. It exists as a heterodimer composed of the IL-12p40 subunit and a novel p19 subunit. IL-23 is secreted by activated dendritic cells, macrophages, and monocytes (3,4). 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: 1 - 2 µg/mL. Immunohistochemistry. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

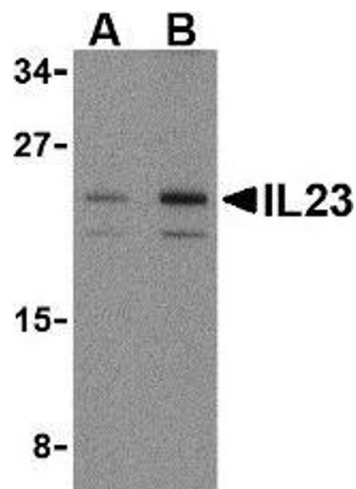
Handling

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



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of IL-23 in mouse pancreas tissue with IL-23 antibody at 2 µg/ml.



Western Blotting

Image 2. Western blot analysis of IL-23 in mouse pancreas tissue lysate with AP30419PU-N IL-23 antibody at (A) 1 and (B) 2 µg/ml.