

Datasheet for ABIN7179323
anti-IL12B antibody (AA 23-327)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µg
Target:	IL12B
Binding Specificity:	AA 23-327
Reactivity:	Sheep
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL12B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Sheep Interleukin-12 subunit beta protein (23-327AA)
Isotype:	IgG
Cross-Reactivity:	Sheep
Purification:	>95%, Protein G purified

Target Details

Target:	IL12B
Alternative Name:	IL12B (IL12B Products)
Background:	Background: Cytokine that can act as a growth factor for activated T and NK cells, enhance the lytic activity of NK/lymphokine-activated killer cells, and stimulate the production of IFN-gamma

Target Details

by resting PBMC By similarity. Associates with IL23A to form the IL-23 interleukin, a heterodimeric cytokine which functions in innate and adaptive immunity. IL-23 may constitute with IL-17 an acute response to infection in peripheral tissues. IL-23 binds to a heterodimeric receptor complex composed of IL12RB1 and IL23R, activates the Jak-Stat signaling cascade, stimulates memory rather than naive T-cells and promotes production of proinflammatory cytokines. IL-23 induces autoimmune inflammation and thus may be responsible for autoimmune inflammatory diseases and may be important for tumorigenesis By similarity. Aliases: IL12B antibody, Interleukin-12 subunit beta antibody, IL-12B antibody, Cytotoxic lymphocyte maturation factor 40 kDa subunit antibody, CLMF p40 antibody, IL-12 subunit p40 antibody

UniProt: [P68220](#)

Pathways: [JAK-STAT Signaling](#), [Cellular Response to Molecule of Bacterial Origin](#), [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Activated T Cell Proliferation](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:2000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

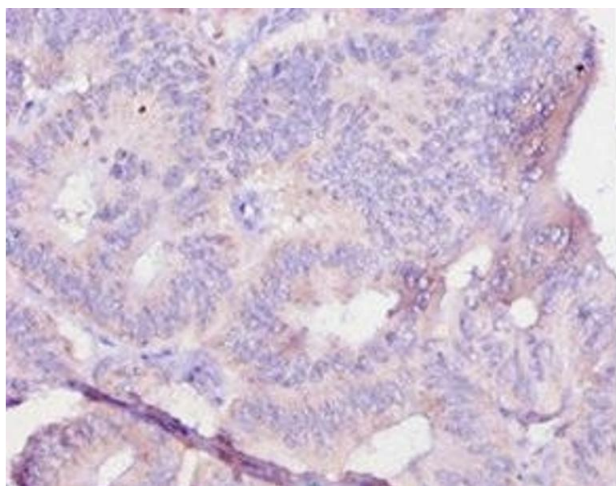
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

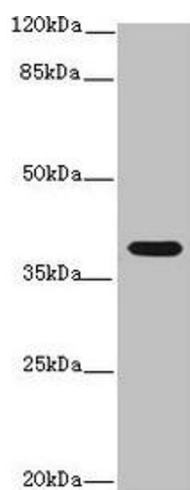
Storage: -20 °C, -80 °C

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



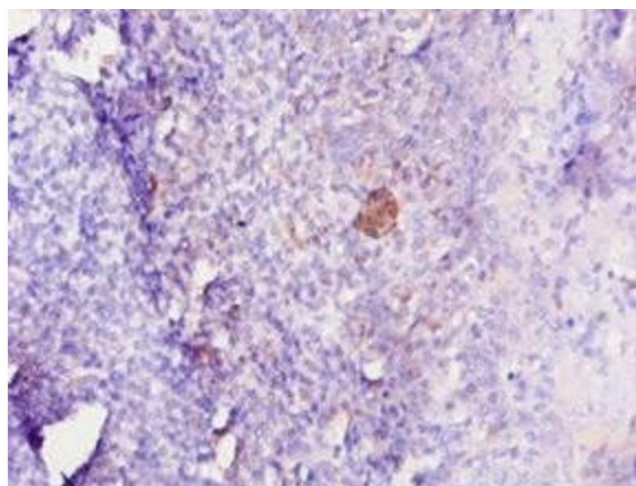
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human colon cancer using ABIN7179323 at dilution of 1:10



Western Blotting

Image 2. Western blot All lanes: Interleukin-12 subunit beta antibody at 14 µg/mL + K562 whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 37 kDa Observed band size: 37 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human tonsil tissue using ABIN7179323 at dilution of 1:10