



[Go to Product page](#)

Datasheet for ABIN500008
anti-IL32 antibody (C-Term)

2 Images

Overview

Quantity:	0.1 mg
Target:	IL32
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL32 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Human IL-32 (C-Terminus) Peptide
Isotype:	IgG
Specificity:	IL-32 antibody was raised against a 15 amino acid peptide from near the carboxy terminus of human IL-32.
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	IL32
Alternative Name:	Interleukin-32 / IL32 (IL32 Products)

Target Details

Background: Interleukin-32 (IL-32) was initially identified as a transcript (NK4) that is selectively expressed in lymphocytes and NK cells and whose expression is increased following activation by IL-2 . It was later re-isolated from an IL-18-treated lung carcinoma cell line and re-named IL-32 (2). IL-32 is unusual in that it does not share sequence homology with known cytokine families and is highly expressed in immune tissues, existing in at least four differentially spliced isoforms. Because treatment of human monocytic and mouse macrophage cells with IL-32 induces several proinflammatory cytokines such as TNF-alpha, IL-8 and MIP-2, and because it is also induced in human peripheral lymphocyte cells after mitogen stimulation and in epithelial cells by IFNgamma, it has been suggested that IL-32 may play a role in autoimmune and inflammatory diseases such as rheumatoid arthritis (3).Synonyms: IL-32, NK4, Natural killer cells protein 4, TAIF, Tumor necrosis factor alpha-inducing factor

Gene ID: 9235

UniProt: [P24001](#)

Application Details

Application Notes: ELISA. Western Blot: 5 - 10 µg/mL. This antibody detects all isoforms of IL-32.
Immunohistochemistry.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

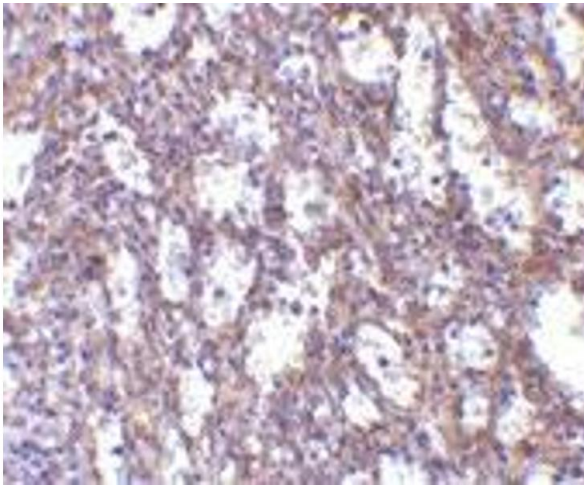
Handling

Buffer: PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

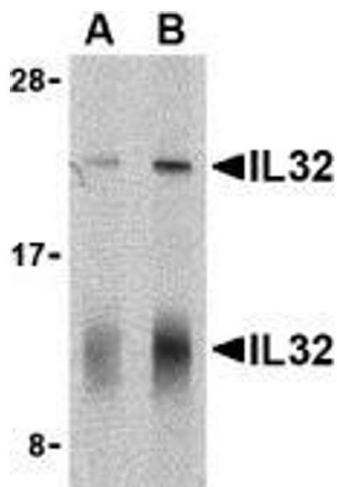
Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of IL-32 in human spleen tissue with IL-32 antibody at 10 $\mu\text{g/ml}$.



Western Blotting

Image 2. Western blot analysis of IL-32 in human spleen cell lysate with AP30424PU-N IL-32 antibody at (A) 5 and (B) 10 $\mu\text{g/ml}$ shows two isoforms of IL-32.