

Product datasheet

Anti-IL-32 antibody ab37158

★★★★★ [1 Abreviews](#) [12 References](#) [4 Images](#)

Overview

| | |
|----------------------------|---|
| Product name | Anti-IL-32 antibody |
| Description | Rabbit polyclonal to IL-32 |
| Host species | Rabbit |
| Specificity | ab37158 recognises all 4 isoforms of IL-32 (100% sequence alignment to each). |
| Tested applications | Suitable for: IHC-P, WB, ICC/IF, ELISA |
| Species reactivity | Reacts with: Human |
| Immunogen | Synthetic peptide corresponding to Human IL-32 (C terminal). (Peptide available as ab39778) |
| Positive control | WB: Human spleen lysates. IHC-P: Human spleen tissue. ICC/IF: Human spleen cells. |
| General notes | <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p> |

Properties

| | |
|-----------------------------|---|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Store at +4°C. |
| Storage buffer | pH: 7.2 Preservative: 0.02% Sodium azide Constituent: PBS |
| Purity | Immunogen affinity purified |
| Clonality | Polyclonal |
| Isotype | IgG |

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab37158 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|-------------|-----------|---|
| IHC-P | ★★★★★ (1) | Use a concentration of 10 µg/ml. |
| WB | | Use a concentration of 5 - 10 µg/ml. Detects a band of approximately 26 kDa (predicted molecular weight: 26 kDa). All 4 isoforms of IL32 can be detected by this antibody. The larger precursor can be detected at approximately 26kDa. A smaller band can sometimes be observed at approximately 12.5kDa. This consists of multiple isoforms (this can appear smeared as they are slightly different molecular weights). |
| ICC/IF | | Use a concentration of 20 µg/ml. |
| ELISA | | Use at an assay dependent concentration. PubMed: 18544573 |

Target

Function

Cytokine that may play a role in innate and adaptive immune responses. It induces various cytokines such as TNFA/TNF-alpha and IL8. It activates typical cytokine signal pathways of NF-kappa-B and p38 MAPK.

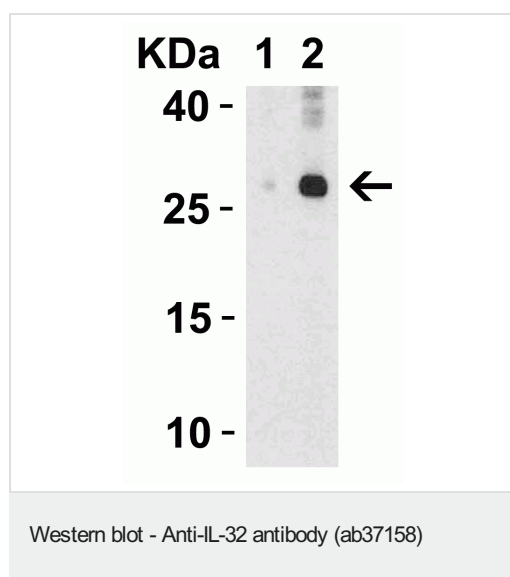
Tissue specificity

Selectively expressed in lymphocytes. Expression more prominent in immune cells than in non-immune cells.

Cellular localization

Secreted.

Images



Lane 1 : Anti-IL-32 antibody (ab37158) at 2 µg/ml

Lane 2 : Anti-IL-32 antibody (ab37158) at 4 µg/ml

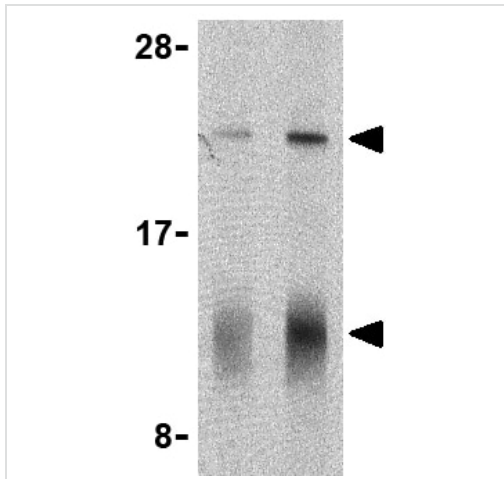
All lanes : Human spleen tissue lysate

Lysates/proteins at 15 µg per lane.

Secondary

All lanes : Goat anti-rabbit IgG HRP conjugate at 1/10000 dilution

Predicted band size: 26 kDa



Western blot - Anti-IL-32 antibody (ab37158)

Lane 1 : Anti-IL-32 antibody (ab37158) at 5 µg/ml

Lane 2 : Anti-IL-32 antibody (ab37158) at 10 µg/ml

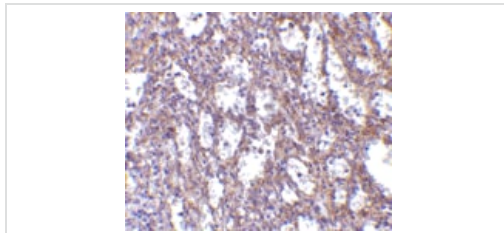
All lanes : Human spleen cell lysate

Lysates/proteins at 15 µg per lane.

Predicted band size: 26 kDa

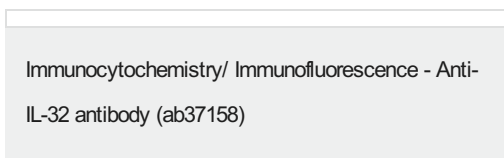
Observed band size: 12,26 kDa

Two isoforms of IL32 can be seen



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IL-32 antibody (ab37158)

IHC-P of Human spleen tissue with ab37158 at 10 µg/ml



Immunocytochemistry/ Immunofluorescence - Anti-IL-32 antibody (ab37158)

Immunocytochemistry of IL-32 in Human Spleen cells using ab37158 at 20 µg/ml.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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