

# Anti-IL-32 antibody [EPR5067] - BSA and Azide free ab249525

Recombinant RabMAb

3 Images

## Overview

Product name	Anti-IL-32 antibody [EPR5067] - BSA and Azide free
Description	Rabbit monoclonal [EPR5067] to IL-32 - BSA and Azide free
Host species	Rabbit
Tested applications	<b>Suitable for:</b> WB <b>Unsuitable for:</b> Flow Cyt, ICC/IF, IHC-P or IP
Species reactivity	<b>Reacts with:</b> Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	WB: Human tonsil lysate
General notes	<p>ab249525 is the carrier-free version of <a href="#">ab169781</a>.</p> <p>Our <b>carrier-free</b> antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our <b>conjugation kits</b> for antibody conjugates that are ready-to-use in as little as 20 minutes with &lt;1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar<sup>®</sup> Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar<sup>®</sup> is a trademark of Fluidigm Canada Inc.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</p>

## Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C. Do Not Freeze.
<b>Storage buffer</b>	pH: 7.2 Constituent: PBS
<b>Carrier free</b>	Yes
<b>Purity</b>	Affinity purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR5067
<b>Isotype</b>	IgG

## Applications

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**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab249525 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
<b>WB</b>		Use at an assay dependent concentration. Predicted molecular weight: 27 kDa.

**Application notes** Is unsuitable for Flow Cyt, ICC/IF, IHC-P or IP.

## Target

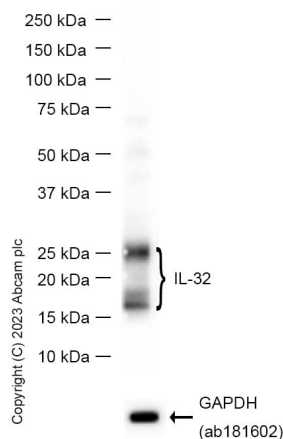
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<b>Function</b>	Cytokine that may play a role in innate and adaptive immune responses. It induces various cytokines such as TNFA/TNF-alpha and IL8. It activates typical cytokine signal pathways of NF-kappa-B and p38 MAPK.
<b>Tissue specificity</b>	Selectively expressed in lymphocytes. Expression more prominent in immune cells than in non-immune cells.
<b>Cellular localization</b>	Secreted.

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## Images

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Western blot - Anti-IL-32 antibody [EPR5067] - BSA and Azide free (ab249525)

Anti-IL-32 antibody [EPR5067] ([ab169781](#)) at 1/1000 dilution + Human tonsil lysate at 20 µg

### Secondary

Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

**Predicted band size:** 27 kDa

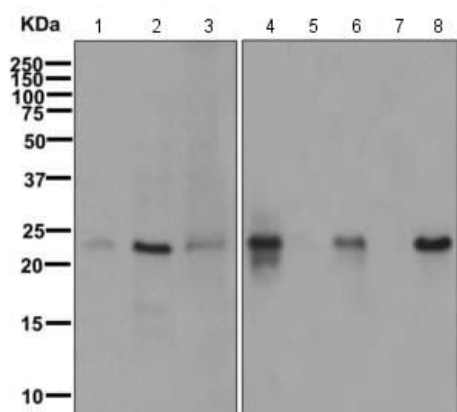
**Exposure time:** 10 seconds

This data was developed using [ab169781](#), the same antibody clone in a different buffer formulation.

Blocking and diluting buffer and concentration: 5% NFDM /TBST.

Loading Control: GAPDH

This antibody could detect different isoforms of IL-32.



Western blot - Anti-IL-32 antibody [EPR5067] - BSA and Azide free (ab249525)

**All lanes :** Anti-IL-32 antibody [EPR5067] ([ab169781](#)) at 1/1000 dilution

**Lane 1 :** Human lymph node lysate

**Lane 2 :** Human tonsil lysate

**Lane 3 :** Human fetal thymus lysate

**Lane 4 :** HT29 treated with TNF alpha lysate

**Lane 5 :** HT29 lysate

**Lane 6 :** SW480 treated with INF gamma lysate

**Lane 7 :** SW480 lysate

**Lane 8 :** 293T treated with TNF alpha and IFN gamma lysate

Lysates/proteins at 10 µg per lane.

### Secondary

**All lanes :** Goat anti-rabbit HRP at 1/2000 dilution

**Predicted band size:** 27 kDa

This data was developed using **ab169781**, the same antibody clone in a different buffer formulation.

Why choose a recombinant antibody?

 <p><b>Research with confidence</b> Consistent and reproducible results</p>	 <p><b>Long-term and scalable supply</b> Recombinant technology</p>
 <p><b>Success from the first experiment</b> Confirmed specificity</p>	 <p><b>Ethical standards compliant</b> Animal-free production</p>

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

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