

Product datasheet

Anti-IL-18 antibody [EPR19956] ab207323

Recombinant RabMAb

★★★★☆ [1 Abreviews](#) [23 References](#) [4 Images](#)

Overview

| | |
|----------------------------|--|
| Product name | Anti-IL-18 antibody [EPR19956] |
| Description | Rabbit monoclonal [EPR19956] to IL-18 |
| Host species | Rabbit |
| Tested applications | Suitable for: WB, IP |
| Species reactivity | Reacts with: Mouse |
| Immunogen | Recombinant full length protein. This information is proprietary to Abcam and/or its suppliers. |
| Positive control | WB: Mouse IL-18 active protein; Mouse spleen lysate. IP: Mouse spleen lysate. |
| General notes | <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p> |

Properties

| | |
|-----------------------------|---|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle. |
| Storage buffer | pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 0.05% BSA, 40% Glycerol (glycerin, glycerine), PBS |
| Purity | Protein A purified |
| Clonality | Monoclonal |
| Clone number | EPR19956 |
| Isotype | IgG |

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab207323 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 |
|-------------|-----------|--|
| WB | ★★★★☆ (1) | 1/1000. Detects a band of approximately 22 kDa (predicted molecular weight: 22 kDa). |
| IP | | 1/40. |

Target

Function

Augments natural killer cell activity in spleen cells and stimulates interferon gamma production in T-helper type I cells.

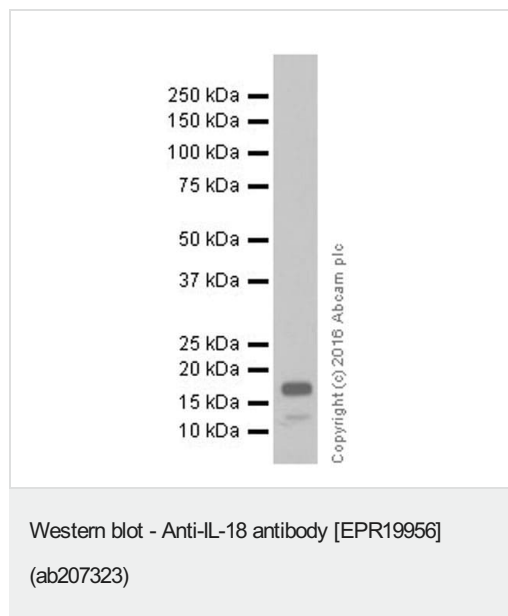
Sequence similarities

Belongs to the IL-1 family.

Cellular localization

Secreted.

Images



Anti-IL-18 antibody [EPR19956] (ab207323) at 1/1000 dilution +
Mouse IL-18 active protein at 0.01 µg

Secondary

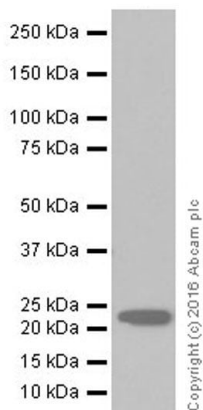
Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/100000 dilution

Predicted band size: 22 kDa

Observed band size: 19 kDa

Exposure time: 1 second

Blocking/Dilution buffer: 5% NFDm/TBST.



Western blot - Anti-IL-18 antibody [EPR19956] (ab207323)

Anti-IL-18 antibody [EPR19956] (ab207323) at 1/1000 dilution +
 Mouse spleen lysate at 10 µg

Secondary

Goat Anti-Rabbit IgG H&L (HRP) (ab97051) at 1/100000 dilution

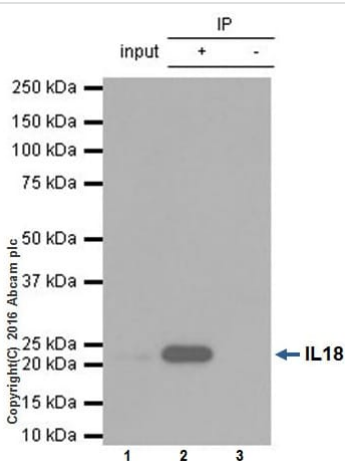
Predicted band size: 22 kDa

Observed band size: 22 kDa

Exposure time: 3 minutes

Blocking/Dilution buffer: 5% NFDm/TBST.

The protein expression level can refer to reference PMID 10051628.



Immunoprecipitation - Anti-IL-18 antibody [EPR19956] (ab207323)

IL-18 was immunoprecipitated from 0.35 mg of mouse spleen lysate with ab207323 at 1/40 dilution. Western blot was performed from the immunoprecipitate using ab207323 at 1/1000 dilution. VeriBlot for IP Detection Reagent (HRP) (ab131366), was used for detection at 1/10000 dilution.

Lane 1: Mouse spleen lysate 10µg (Input).

Lane 2: ab207323 IP in mouse spleen lysate.

Lane 3: Rabbit monoclonal IgG (ab172730) instead of ab207323 in mouse spleen lysate.

Blocking and dilution buffer and concentration: 5% NFDm/TBST.

Exposure time: 30 seconds.

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-IL-18 antibody [EPR19956] (ab207323)

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

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