

## Product datasheet

# Anti-IL36 alpha/IL-1F6 antibody [EPR23089-87] ab269271

Recombinant

RabMAb

7 Images

### Overview

<b>Product name</b>	Anti-IL36 alpha/IL-1F6 antibody [EPR23089-87]
<b>Description</b>	Rabbit monoclonal [EPR23089-87] to IL36 alpha/IL-1F6
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> IP, IHC-P, WB <b>Unsuitable for:</b> Flow Cyt, ICC or IHC-Fr
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
<b>Positive control</b>	IP: Human tonsil tissue lysate. IHC-P: Human psoriatic skin. Human tonsil tissue. Human colon carcinoma tissue. WB: Human tonsil tissue lysate.
<b>General notes</b>	<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

<b>Form</b>	Liquid
<b>Storage instructions</b>	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.
<b>Storage buffer</b>	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Monoclonal

**Clone number** EPR23089-87

**Isotype** IgG

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab269271 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
IP		1/30.
IHC-P		1/2000. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.
WB		1/1000. Predicted molecular weight: 18 kDa.

**Application notes** Is unsuitable for Flow Cyt, ICC or IHC-Fr.

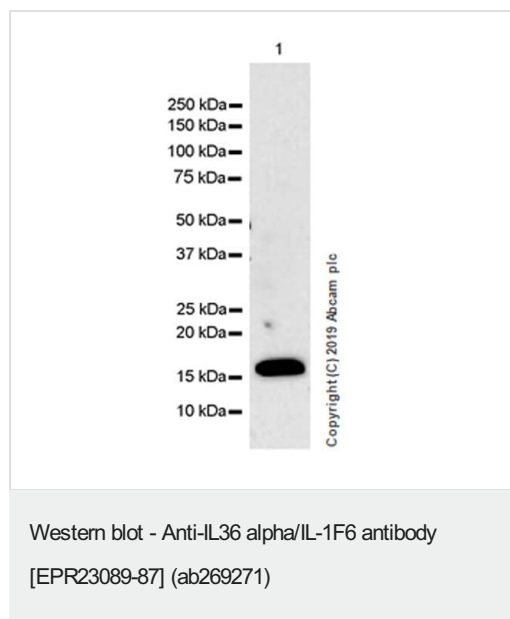
## Target

**Tissue specificity** Expressed in immune system and fetal brain, but not in other tissues tested or in multiple hematopoietic cell lines.

**Sequence similarities** Belongs to the IL-1 family.

**Cellular localization** Secreted.

## Images



Anti-IL36 alpha/IL-1F6 antibody [EPR23089-87] (ab269271) at 1/1000 dilution + Human tonsil tissue lysate at 20 µg

### Secondary

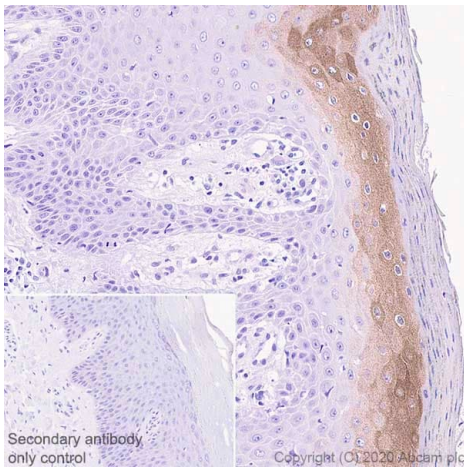
VeriBlot for IP Detection Reagent (HRP) ([ab131366](#)) at 1/1000 dilution

**Predicted band size:** 18 kDa

**Observed band size:** 17 kDa

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

Exposure time: 3 mins.

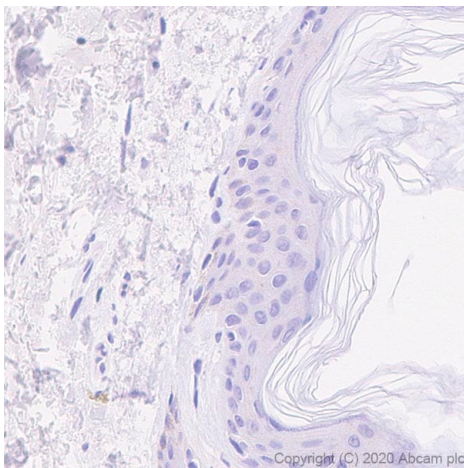


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IL36 alpha/IL-1F6 antibody [EPR23089-87] (ab269271)

Immunohistochemical analysis of paraffin-embedded human psoriatic skin tissue labeling IL36 alpha/IL-1F6 with ab269271 at 1/2000 followed by a ready to use Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**). Positive staining on human psoriatic skin is observed (PMID: 28043870). The section was incubated with ab269271 for 30 mins at room temperature. The immunostaining was performed on a Leica Biosystems BOND® RX instrument. Counterstained with hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**).

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution2) for 20 mins.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IL36 alpha/IL-1F6 antibody [EPR23089-87] (ab269271)

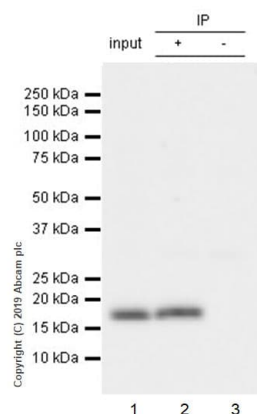
Immunohistochemical analysis of paraffin-embedded human skin tissue labeling IL36 alpha/IL-1F6 with ab269271 at 1/2000 followed by a ready to use Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**).

**Negative control:** No staining on human healthy skin (PMID: 28043870).

The section was incubated with ab269271 for 30 mins at room temperature. The immunostaining was performed on a Leica Biosystems BOND® RX instrument. Counterstained with hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**).

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution2) for 20 mins.



Immunoprecipitation - Anti-IL36 alpha/IL-1F6 antibody [EPR23089-87] (ab269271)

IL36 alpha/IL-1F6 was immunoprecipitated from 0.35 mg human tonsil tissue lysate with ab269271 at 1/30. Western blot was performed on the immunoprecipitate using ab269271 at 1/1000 dilution. VeriBlot for IP Detection Reagent (HRP)([ab131366](#)) was used at 1/5000 dilution.

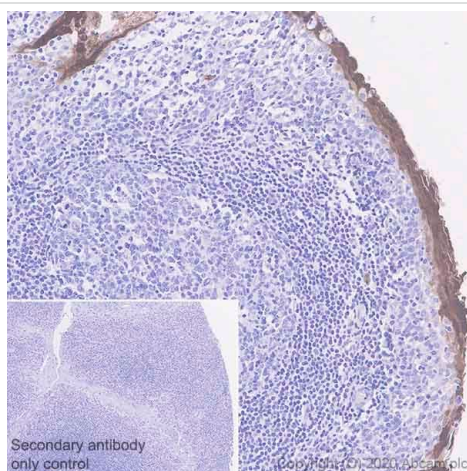
**Lane 1:** Human tonsil tissue lysate.

**Lane 2:** ab269271 IP in human tonsil tissue lysate.

**Lane 3:** Rabbit monoclonal IgG ([ab172730](#)) instead of ab269271 in human tonsil tissue lysate.

Blocking and dilution buffer and concentration/ 5% NFDM/TBST.

Exposure time: 24 secs.

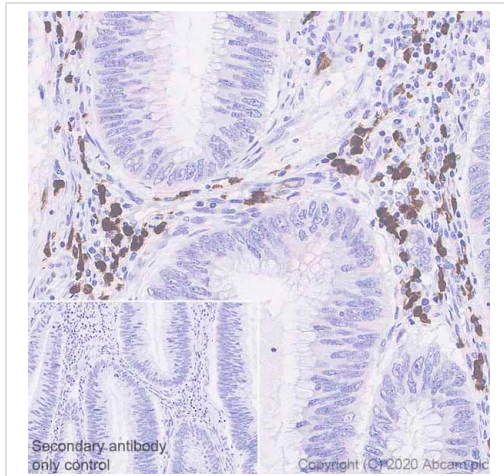


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IL36 alpha/IL-1F6 antibody [EPR23089-87] (ab269271)

Immunohistochemical analysis of paraffin-embedded human tonsil tissue labeling IL36 alpha/IL-1F6 with ab269271 at 1/2000 followed by a ready to use Rabbit specific IHC polymer detection kit HRP/DAB ([ab209101](#)). Positive staining on tonsil epithelium is observed. The section was incubated with ab269271 for 30 mins at room temperature. The immunostaining was performed on a Leica Biosystems BOND® RX instrument. Counterstained with hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use Rabbit specific IHC polymer detection kit HRP/DAB ([ab209101](#)).

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution2) for 20 mins.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IL36 alpha/IL-1F6 antibody [EPR23089-87] (ab269271)

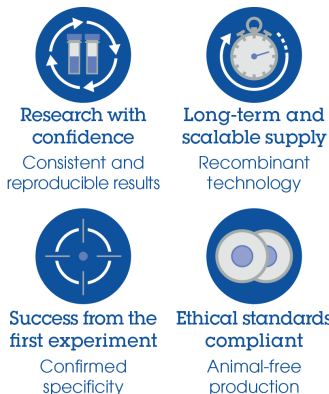
Immunohistochemical analysis of paraffin-embedded human colon carcinoma tissue labeling IL36 alpha/IL-1F6 with ab269271 at 1/2000 followed by a ready to use Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**). Positive staining on human colon carcinoma tissue is observed (PMID: 30452921). The section was incubated with ab269271 for 30 mins at room temperature.

The immunostaining was performed on a Leica Biosystems BOND® RX instrument. Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**).

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution2) for 20 mins.

#### Why choose a recombinant antibody?



Anti-IL36 alpha/IL-1F6 antibody [EPR23089-87] (ab269271)

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

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