

Anti-IL36 alpha/IL-1F6 antibody [EPR23089-87] - BSA and Azide free ab270608

Recombinant RabMAb

6 Images

Overview

Product name	Anti-IL36 alpha/IL-1F6 antibody [EPR23089-87] - BSA and Azide free
Description	Rabbit monoclonal [EPR23089-87] to IL36 alpha/IL-1F6 - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: WB, IP, IHC-P Unsuitable for: Flow Cyt or ICC
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
Positive control	IP: Human tonsil tissue lysate. IHC-P: Human psoriatic skin. Human tonsil tissue. Human colon carcinoma tissue. WB: Human tonsil tissue lysate.
General notes	<p>ab270608 is the carrier-free version of ab269271.</p> <p>Our carrier-free 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 conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <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[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] 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">- 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. Do Not Freeze.
Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR23089-87
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab270608 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

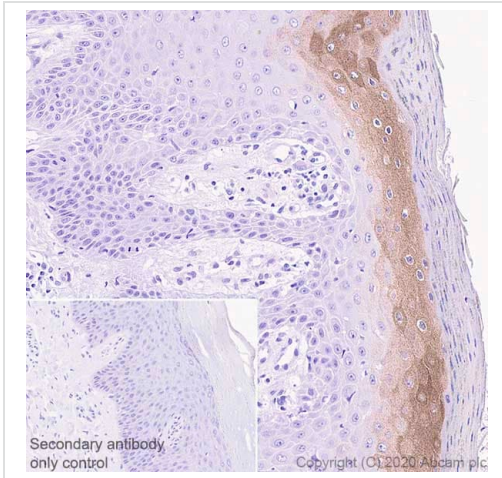
Application	Abreviews	Notes
WB		Use at an assay dependent concentration. Predicted molecular weight: 18 kDa.
IP		Use at an assay dependent concentration.
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Application notes Is unsuitable for Flow Cyt or ICC.

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



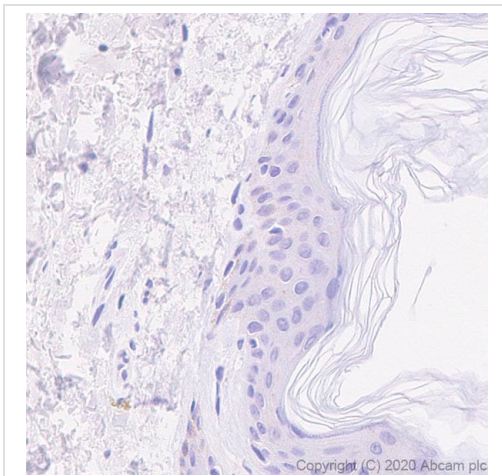
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IL36 alpha/IL-1F6 antibody [EPR23089-87] - BSA and Azide free (ab270608)

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.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab269271**).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IL36 alpha/IL-1F6 antibody [EPR23089-87] - BSA and Azide free (ab270608)

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**).

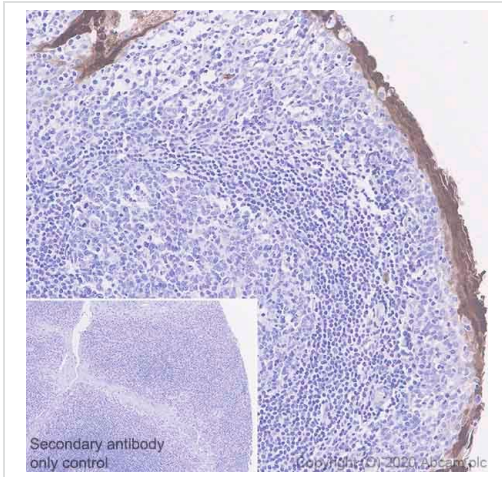
Negative control: No staining on human healthy skin (PMID: 28043870).

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.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab269271**).



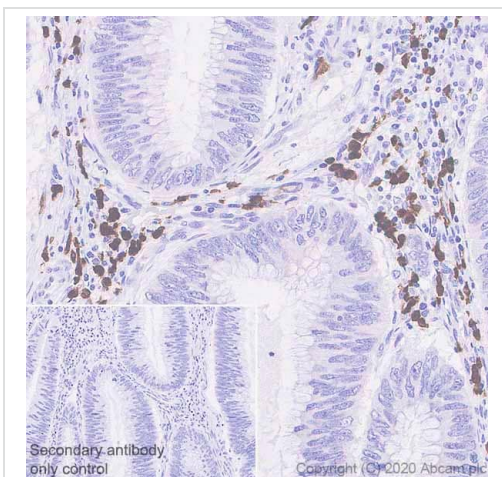
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IL36 alpha/IL-1F6 antibody [EPR23089-87] - BSA and Azide free (ab270608)

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.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab269271**).



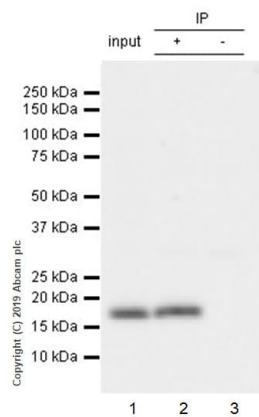
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IL36 alpha/IL-1F6 antibody [EPR23089-87] - BSA and Azide free (ab270608)

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.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab269271**).



Immunoprecipitation - Anti-IL36 alpha/IL-1F6 antibody [EPR23089-87] - BSA and Azide free (ab270608)

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.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab269271**).

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

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