

Product datasheet

Anti-IL22 RA2/IL-22BP antibody [EPRR23006-70] ab267467

Recombinant RabMAb

[5 Images](#)

Overview

| | |
|----------------------------|--|
| Product name | Anti-IL22 RA2/IL-22BP antibody [EPRR23006-70] |
| Description | Rabbit monoclonal [EPRR23006-70] to IL22 RA2/IL-22BP |
| Host species | Rabbit |
| Tested applications | Suitable for: IHC-P Unsuitable for: Flow Cyt, ICC/IF, IP or WB |
| Species reactivity | Reacts with: Human |
| Immunogen | Recombinant fragment. This information is proprietary to Abcam and/or its suppliers. |
| Positive control | IHC-P: Human tonsil, Human colon, Human carcinoma and Human liver tissues. |
| 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

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|-----------------------------|---|
| 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: PBS, 0.05% BSA, 40% Glycerol (glycerin, glycerine) |
| Purity | Preadsorbed IgG fraction |
| Clonality | Monoclonal |
| Clone number | EPRR23006-70 |

Isotype

IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab267467 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 | | 1/500. 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, ICC/IF, IP or WB.

Target

Function

Isoform 2 is a receptor for IL22. Binds to IL22, prevents interaction with the functional IL-22R complex and blocks the activity of IL22 (in vitro). May play an important role as an IL22 antagonist in the regulation of inflammatory responses.

Isoform 1 may play a role in establishing and maintaining successful pregnancy.

Tissue specificity

Expressed in placenta, spleen, breast, skin and lung. Also detected in intestinal tract, testis, brain, heart and thymus. No expression found in prostate, bladder, kidney, ovary, muscle, bone marrow, liver and uterus. Isoform 1 is expressed only in placenta. Isoform 2 is expressed in placenta and breast and at lower level in spleen, skin, thymus and stomach.

Sequence similarities

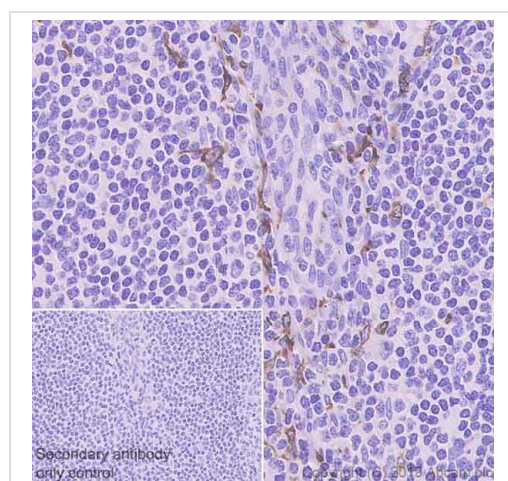
Belongs to the type II cytokine receptor family.

Contains 3 fibronectin type-III domains.

Cellular localization

Secreted.

Images

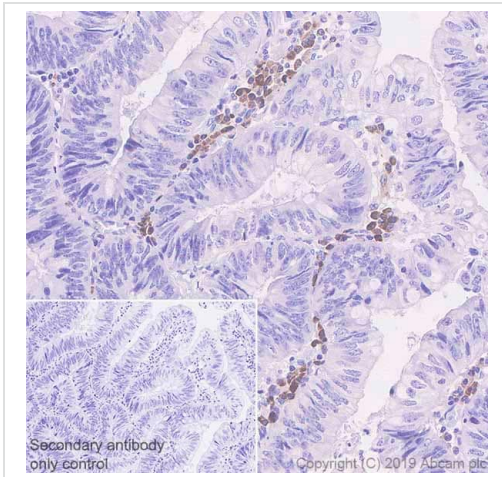


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IL22 RA2/IL-22BP antibody [EPRR23006-70] (ab267467)

Immunohistochemical analysis of paraffin-embedded Human tonsil tissue labeling IL22 RA2/IL-22BP with ab267467 at 1/500 dilution (1.09 ug/ml) followed by a ready to use Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**). Positive staining on human tonsil (PMID: 28512157) is observed. The section was incubated with ab267467 for 30 mins at RT. The immunostaining staining 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 solution 2) for 20 mins.

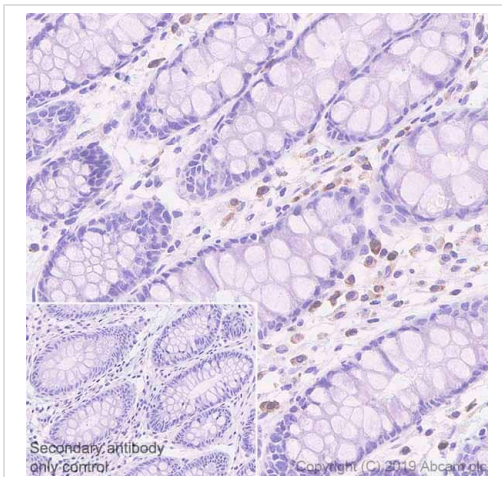


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IL22 RA2/IL-22BP antibody [EPRR23006-70] (ab267467)

Immunohistochemical analysis of paraffin-embedded Human carcinoma tissue labeling IL22 RA2/IL-22BP with ab267467 at 1/500 dilution (1.09 ug/ml) followed by a ready to use Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**). Positive staining on stromal cells in human carcinoma (PMID: 26329427) is observed. The section was incubated with ab267467 for 30 mins at RT. The immunostaining staining 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 solution 2) for 20 mins.

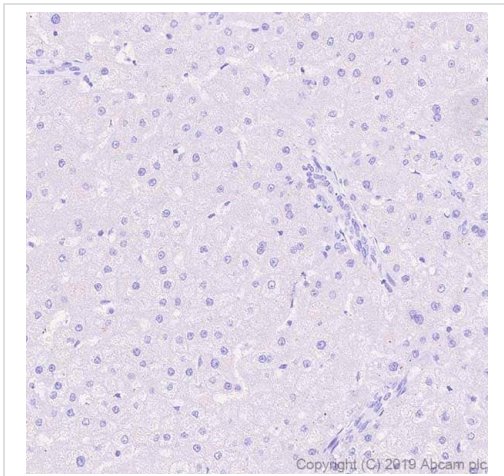


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IL22 RA2/IL-22BP antibody [EPRR23006-70] (ab267467)

Immunohistochemical analysis of paraffin-embedded Human colon tissue labeling IL22 RA2/IL-22BP with ab267467 at 1/500 dilution (1.09 ug/ml) followed by a ready to use Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**). Positive staining on stromal cells in human colon (PMID: 26329427) is observed. The section was incubated with ab267467 for 30 mins at RT. The immunostaining staining 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 solution 2) for 20 mins.





Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IL22 RA2/IL-22BP antibody [EPRR23006-70] (ab267467)

Immunohistochemical analysis of paraffin-embedded Human liver tissue labeling IL22 RA2/IL-22BP with ab267467 at 1/500 dilution (1.09 ug/ml) followed by a ready to use Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**). **Negative control:** no staining on human liver (PMID: 21674558, PMID: 23653115) is observed. The section was incubated with ab267467 for 30 mins at RT. The immunostaining staining 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 solution 2) for 20 mins.

Why choose a recombinant antibody?

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

Anti-IL22 RA2/IL-22BP antibody [EPRR23006-70] (ab267467)

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

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