Product datasheet

Anti-IL-36R antibody ab180894

Overview

Product name: Anti-IL-36R antibody
Description: Rabbit polyclonal to IL-36R
Host species: Rabbit
Specificity: ab180894 will detect all three isoforms of IL1RL2. ab180894 is predicted to not cross-react with IL1 Receptor I or ST2.

Tested applications: Suitable for: IHC-P, WB
Species reactivity: Reacts with: Mouse, Rat, Human
Immunogen: Synthetic peptide corresponding to Human IL-36R (internal sequence). (16 amino acid peptide; NP_003845).
Database link: Q9HB29

Positive control: Human small intestine lysate and tissue.
General notes: This product was previously labelled as IL-1RL2

Properties

Form: Liquid
Storage buffer: Preservative: 0.02% Sodium azide
Constituent: 99% PBS
Purity: Immunogen affinity purified
Clonality: Polyclonal
Isotype: IgG

Applications

Our Abpromise guarantee covers the use of ab180894 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.
Function
Receptor for interleukin 1 family member 9 (IL1F9). Binding to the agonist leads to the activation of NF-kappa-B.

Sequence similarities
Belongs to the interleukin-1 receptor family.
Contains 3 Ig-like C2-type (immunoglobulin-like) domains.
Contains 1 TIR domain.

Cellular localization
Membrane.

Target

<table>
<thead>
<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>IHC-P</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Use a concentration of 5 - 20 µg/ml.</td>
</tr>
<tr>
<td>WB</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Use a concentration of 1 - 2 µg/ml. Detects a band of approximately 55 kDa (predicted molecular weight: 65 kDa).</td>
</tr>
</tbody>
</table>

Images

**Lane 1**: Anti-IL-36R antibody (ab180894) at 1 µg/ml
**Lane 2**: Anti-IL-36R antibody (ab180894) at 2 µg/ml

**All lanes**: Human small intestine lysate

Lysates/proteins at 15 µg per lane.

**Predicted band size**: 65 kDa
**Observed band size**: 55 kDa

*why is the actual band size different from the predicted?*
Immunohistochemical analysis of paraffin-embedded Human small intestine tissue labeling IL1RL2 with ab180894 at 5 µg/ml.

Immunohistochemical analysis of paraffin-embedded Human small intestine tissue labeling IL1RL2 with ab180894 at 20 µg/ml.

Please note: All products are “FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE”

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit https://www.abcam.com/abpromise or contact our technical team.
Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors