Product datasheet

Anti-Eotaxin antibody ab8018

Product name: Anti-Eotaxin antibody
Description: Rabbit polyclonal to Eotaxin
Host species: Rabbit
Tested applications: Suitable for: ICC/IF, IHC-R, WB
Species reactivity: Reacts with: Human
Immunogen: Synthetic peptide, corresponding to amino acids 83-97 of Human Eotaxin.
Positive control: The recombinant protein can be used as positive control.

Properties

Form: Liquid
Storage instructions: Shipped at 4°C. Store at +4°C.
Storage buffer: Preservative: 0.02% Sodium azide
Purity: DEAE-Chromatography
Clonality: Polyclonal
Isotype: IgG

Applications

Our Abpromise guarantee covers the use of ab8018 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<table>
<thead>
<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>ICC/IF</td>
<td></td>
<td>Use a concentration of 5 µg/ml.</td>
</tr>
<tr>
<td>IHC-R</td>
<td>★★★☆☆☆☆☆</td>
<td>Use at an assay dependent concentration.</td>
</tr>
<tr>
<td>WB</td>
<td></td>
<td>Use a concentration of 0.5 - 1 µg/ml. Can be blocked with Eotaxin peptide (ab8127). Monomer and homodimer are detected at approximate 9 and 18 kDa.</td>
</tr>
<tr>
<td><strong>Function</strong></td>
<td>In response to the presence of allergens, this protein directly promotes the accumulation of eosinophils, a prominent feature of allergic inflammatory reactions. Binds to CCR3.</td>
<td></td>
</tr>
<tr>
<td><strong>Sequence similarities</strong></td>
<td>Belongs to the intercrine beta (chemokine CC) family.</td>
<td></td>
</tr>
<tr>
<td><strong>Post-translational modifications</strong></td>
<td>O-linked glycan consists of a Gal-GalNAc disaccharide which is modified with up to 2 sialic acid residues.</td>
<td></td>
</tr>
<tr>
<td><strong>Cellular localization</strong></td>
<td>Secreted.</td>
<td></td>
</tr>
</tbody>
</table>

### Images

**Western blot - Anti-Eotaxin antibody (ab8018)**

- **All lanes**: Anti-Eotaxin antibody (ab8018) at 1 µg/ml
- **Lane 1**: Hela cell lysate containing 10ng full length recombinant eotaxin
- **Lane 2**: Hela cell lysate containing 2.5ng full length recombinant eotaxin
- **Lane 3**: Hela cell lysate containing 1ng full length recombinant eotaxin

**Immunocytochemistry/ Immunofluorescence - Anti-Eotaxin antibody (ab8018)**

- ab8018 at 5µg/ml staining Eotaxin in 293 cells by ICC/IF
ab8018 staining Eotaxin in Human nasal polyp and tonsil tissue sections by Immunohistochemistry (resin-embedded sections). The tissue was fixed in acetone and inhibitors and embedded into GMA resin. Samples were incubated with primary antibody (1/250 in Tris buffered saline) for 18 hours at 4°C. A Biotin-conjugated Pig anti-rabbit polyclonal (1/1200) was used as the secondary antibody.

Immunofluorescence of Eotaxin in 293 cells using ab8018 at 10 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