## Overview

<table>
<thead>
<tr>
<th>Product name</th>
<th>Anti-IL-13 antibody</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>Rabbit polyclonal to IL-13</td>
</tr>
<tr>
<td>Host species</td>
<td>Rabbit</td>
</tr>
<tr>
<td>Tested applications</td>
<td>Suitable for: WB, IHC-P, IHC-Fr</td>
</tr>
<tr>
<td>Species reactivity</td>
<td>Reacts with: Mouse, Human</td>
</tr>
<tr>
<td>Predicted to work with</td>
<td>Chimpanzee, Rhesus monkey</td>
</tr>
<tr>
<td>Immunogen</td>
<td>Recombinant fragment corresponding to Human IL-13 aa 25-146. BC096139 Sequence: LTCLGGFASPGPVPSTALRELIEELVNITQNQKAPLC NGSMVWSINLTA GMYCAALESLINVSQCSIAEKTRMLSGFCPHKVSAG QFSSLHVRDTKIE VAQFVKDLLHLKIKLFREGRFN</td>
</tr>
<tr>
<td>Database link</td>
<td>P35225</td>
</tr>
<tr>
<td>Positive control</td>
<td>WB: Human fetal spleen lysate. Mouse liver tissue lysate. IHC-P: Human intestinal tissue. IHC-Fr: Mouse colon tissue.</td>
</tr>
</tbody>
</table>

## Properties

<table>
<thead>
<tr>
<th>Form</th>
<th>Lyophilised: Reconstitute with 200ul distilled H2O. Please note that if you receive this product in liquid form it has already been reconstituted as described and no further reconstitution is necessary.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Storage instructions</td>
<td>Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.</td>
</tr>
<tr>
<td>Storage buffer</td>
<td>pH: 7.20&lt;br&gt;Preservative: 0.02% Sodium azide&lt;br&gt;Constituents: PBS, 1% BSA</td>
</tr>
<tr>
<td>Purity</td>
<td>Immunogen affinity purified</td>
</tr>
<tr>
<td>Clonality</td>
<td>Polyclonal</td>
</tr>
<tr>
<td>Isotype</td>
<td>IgG</td>
</tr>
</tbody>
</table>
**Function**

**Involvement in disease**
Allergic rhinitis

**Sequence similarities**
Belongs to the IL-4/IL-13 family.

**Cellular localization**
Secreted.

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### Images

![Image](image_url)

**Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IL-13 antibody (ab106732)**

Image courtesy of an anonymous Abreview.

ab106732 staining IL-13 in human intestinal tissue by Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections).

Tissue was fixed in formaldehyde, a heat mediated antigen retrieval step was performed using citrate buffer pH 6, samples were then incubated with ab106732 at a 1/800 dilution for 20 minutes at 25°C. The secondary used was an undiluted HRP polymer conjugated goat anti-rabbit/mouse polyclonal.
ab106732 staining IL-13 in murine colon tissue by Immunohistochemistry (Frozen sections).

Tissue was fixed with paraformaldehyde and blocked with 5% serum for 20 hours at 25°C. Samples were incubated with primary antibody (1/100 in 1% BSA in PBS) for 16 hours at 4°C. An AlexaFluor®488-conjugated goat anti-rabbit polyclonal IgG (1/200) was used as the secondary antibody.

**Western blot - Anti-IL-13 antibody (ab106732)**

Anti-IL-13 antibody (ab106732) at 1/1000 dilution + Human fetal spleen lysate

**Predicted band size:** 16 kDa

Anti-IL-13 antibody (ab106732) at 1/1000 dilution + Mouse liver tissue lysate at 100 µg

**Secondary**

HRP-conjugated goat anti-rabbit polyclonal IgG at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

**Predicted band size:** 16 kDa
Exposure time: 5 minutes

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

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