Product datasheet

Anti-IL-13 antibody ab106732

Overview

Product name
Anti-IL-13 antibody

Description
Rabbit polyclonal to IL-13

Host species
Rabbit

Tested applications
Suitable for: WB, IHC-P, IHC-Fr

Species reactivity
Reacts with: Mouse, Human

Predicted to work with: Chimpanzee, Rhesus monkey

Immunogen
Recombinant fragment corresponding to Human IL-13 aa 25-146. BC096139

Sequence:
LTCLGGFASPGPVPSTLRELIEELVNITQNIKAPLCLNGSMVWSNLTA
GMYCAALIESLINVSCSAIEKTQRMLSGFCPHKVSAGQFSSLHVRDTKIEVAQFVKDLLLHLKLFREGRFN

Database link: P35225

Positive control
WB: Human fetal spleen lysate. Mouse liver tissue lysate. IHC-P: Human intestinal tissue. IHC-Fr: Mouse colon tissue.

Properties

Form
Lyophilised: Reconstitute with 200μl 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.

Storage instructions
Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.

Storage buffer
pH: 7.20
Preservative: 0.02% Sodium azide
Constituents: PBS, 1% BSA

Purity
Immunogen affinity purified

Clonality
Polyclonal

Isotype
IgG
**Function**


**Involvement in disease**

Allergic rhinitis

**Sequence similarities**

Belongs to the IL-4/IL-13 family.

**Cellular localization**

Secreted.

**Applications**

Our Abpromise guarantee covers the use of **ab106732** 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>
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</thead>
<tbody>
<tr>
<td>WB</td>
<td><img src="https://example.com/rating.png" alt="Rating" /></td>
<td>1/500 - 1/1000. Predicted molecular weight: 16 kDa.</td>
</tr>
<tr>
<td>IHC-P</td>
<td><img src="https://example.com/rating.png" alt="Rating" /></td>
<td>1/100 - 1/500.</td>
</tr>
<tr>
<td>IHC-Fr</td>
<td><img src="https://example.com/rating.png" alt="Rating" /></td>
<td>Use at an assay dependent concentration.</td>
</tr>
</tbody>
</table>

**Images**

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.
Immunohistochemistry (Frozen sections) - Anti-IL-13 antibody (ab106732)

This image is courtesy of an anonymous Abreview.

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

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

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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