Product datasheet

Anti-TSLP antibody ab188766

7 References  5 Images

Overview

Product name          Anti-TSLP antibody
Description          Rabbit polyclonal to TSLP
Host species         Rabbit
Tested applications  Suitable for: ICC/IF, IHC-P, WB
Species reactivity   Reacts with: Mouse, Human
Immunogen            Synthetic peptide within Human TSLP (internal sequence). The exact sequence is proprietary. 19 amino acids near the centre of human TSLP. NP_149024.1.
                      Database link: Q969D9
Positive control     Human prostate, brain cortex and liver tissues; Human brain cells; Mouse A20 cell lysate.

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 ab188766 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 20 µg/ml.</td>
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</table>
### Function
Cytokine that induces the release of T cell-attracting chemokines from monocytes and, in particular, enhances the maturation of CD11c(+) dendritic cells. Can induce allergic inflammation by directly activating mast cells.

### Tissue specificity
Expressed in a number of tissues including heart, liver and prostate.

### Cellular localization
Secreted.

### Target

<table>
<thead>
<tr>
<th>Application</th>
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<tbody>
<tr>
<td>IHC-P</td>
<td>Use a concentration of 2.5 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.</td>
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<tr>
<td>WB</td>
<td>Use a concentration of 0.5 - 2 µg/ml. Predicted molecular weight: 18 kDa.</td>
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</tbody>
</table>

### Images

**Western blot - Anti-TSLP antibody (ab188766)**

<table>
<thead>
<tr>
<th>Lane 1</th>
<th>Anti-TSLP antibody (ab188766) at 0.5 µg/ml</th>
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</thead>
<tbody>
<tr>
<td>Lane 2</td>
<td>Anti-TSLP antibody (ab188766) at 1 µg/ml</td>
</tr>
<tr>
<td>Lane 3</td>
<td>Anti-TSLP antibody (ab188766) at 2 µg/ml</td>
</tr>
</tbody>
</table>

**All lanes**: A20 cell lysate

**Predicted band size**: 18 kDa

**Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human liver tissue labeling TSLP with ab188766 at 5µg/ml, followed by biotinylated secondary antibody, alkaline phosphatase-streptavidin and chromogen.**
Immunofluorescent analysis of Human Brain cells labeling TSLP with ab188766 at 20µg/ml.

Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human brain, cortex tissue labeling TSLP with ab188766 at 5µg/ml, followed by biotinylated secondary antibody, alkaline phosphatase-streptavidin and chromogen.

Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human prostate tissue labeling TSLP with ab188766 at 5µg/ml, followed by biotinylated secondary antibody, alkaline phosphatase-streptavidin and chromogen.

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