Product name: Anti-CRLF2 antibody

Description: Rabbit polyclonal to CRLF2

Host species: Rabbit

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

Species reactivity:
- Reacts with: Human

Immunogen:
- KLH conjugated synthetic peptide of 19 amino acids in length from near the center of Human CRLF2.

Positive control:
- Human liver tissue, Human kidney tissue

Form: Liquid

Storage instructions:
- Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.

Storage buffer:
- Preservative: 0.02% Sodium azide
- Constituent: PBS

Purity:
- Immunogen affinity purified

Clonality:
- Polyclonal

Isotype:
- IgG

Applications:

Our Abpromise guarantee covers the use of ab109626 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></td>
<td>Use a concentration of 1 µg/ml. Predicted molecular weight: 42 kDa.</td>
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<tr>
<td>ELISA</td>
<td></td>
<td>Use at an assay dependent concentration.</td>
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</table>
**Target**

**Function**
Receptor for thymic stromal lymphopoietin (TSLP). Forms a functional complex with TSLP and IL7R which is capable of stimulating cell proliferation through activation of STAT3 and STAT5. Also activates JAK2 (By similarity). Implicated in the development of the hematopoietic system.

**Tissue specificity**

**Sequence similarities**
Belongs to the type I cytokine receptor family. Type 5 subfamily. Contains 1 fibronectin type-III domain.

**Domain**
The WSXWS motif appears to be necessary for proper protein folding and thereby efficient intracellular transport and cell-surface receptor binding. The box 1 motif is important for association with JAKs.

**Cellular localization**
Secreted and Cell membrane.

**Images**

**Western blot - Anti-CRLF2 antibody (ab109626)**

<table>
<thead>
<tr>
<th>Lane 1</th>
<th>Anti-CRLF2 antibody (ab109626) at 0.5 µg/ml</th>
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</thead>
<tbody>
<tr>
<td>Lane 2</td>
<td>Anti-CRLF2 antibody (ab109626) at 1 µg/ml</td>
</tr>
<tr>
<td>Lane 3</td>
<td>Anti-CRLF2 antibody (ab109626) at 2 µg/ml</td>
</tr>
</tbody>
</table>

**All lanes**: Human liver tissue lysate

**Predicted band size**: 42 kDa

**Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CRLF2 antibody (ab109626)**

Human kidney tissue (formalin-fixed, paraffin-embedded) stained with ab109626 at a concentration of 5 µg/ml.
Human liver tissue (formalin-fixed, paraffin-embedded) stained with ab109626 at a concentration of 5 µg/ml.

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

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