Product datasheet

Anti-RP105 antibody ab45429

Overview

Product name: Anti-RP105 antibody
Description: Rabbit polyclonal to RP105
Host species: Rabbit
Tested applications: Suitable for: IHC-Fr, IHC-P, IHC (PFA fixed), WB
Species reactivity: Reacts with: Mouse, Human
Immunogen: Synthetic 14 amino acid peptide from near the carboxy terminus of human RP105
Positive control: Human spleen tissue, human spleen tissue lysate.

Properties

Form: Liquid
Storage instructions: Shipped at 4°C. Store at +4°C.
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 ab45429 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<table>
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<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>IHC-Fr</td>
<td></td>
<td>Use at an assay dependent concentration. PubMed: 24945347</td>
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<tr>
<td>IHC-P</td>
<td></td>
<td>Use a concentration of 10 µg/ml.</td>
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<tr>
<td>IHC (PFA fixed)</td>
<td></td>
<td>Use at an assay dependent concentration.</td>
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Function
May cooperate with MD-1 and TLR4 to mediate the innate immune response to bacterial lipopolysaccharide (LPS) in B-cells. Leads to NF-kappa-B activation. Also involved in the life/death decision of B-cells.

Tissue specificity
Expressed mainly on mature peripheral B cells. Detected in spleen, lymph node and appendix. Not detected in pre-B and -T cells.

Sequence similarities
Belongs to the Toll-like receptor family. Contains 19 LRR (leucine-rich) repeats. Contains 1 LRRCT domain.

Cellular localization
Cell membrane.

Images

Immunohistochemistry of RP105 in human spleen tissue with ab45429 at 10 µg/ml.

Lane 1 : Anti-RP105 antibody (ab45429) at 0.5 µg/ml
Lane 2 : Anti-RP105 antibody (ab45429) at 1 µg/ml

All lanes : Human spleen tissue lysate

Lysates/proteins at 15 µg per lane.

Secondary
All lanes : anti-rabbit IgG HRP at 1/10000 dilution

Predicted band size: 74 kDa
Observed band size: 90 kDa

why is the actual band size different from the predicted?
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