Product datasheet

Anti-Claudin 2 antibody - Aminoterminal end ab76032

Product name: Anti-Claudin 2 antibody - Aminoterminal end
Description: Rabbit polyclonal to Claudin 2 - Aminoterminal end
Host species: Rabbit
Tested applications: Suitable for: WB, IHC-P, ELISA
Species reactivity: Reacts with: Mouse, Human
Immunogen: KLH conjugated synthetic peptide selected from the N terminal region of human Claudin 2
Positive control: Mouse heart tissue lysates; Human hepatocarcinoma tissue

Properties
Form: Liquid
Storage instructions: Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer: Preservative: 0.09% Sodium azide
Constituent: PBS
Purity: Immunogen affinity purified
Purification notes: This antibody is purified through a protein A column, followed by peptide affinity purification.
Clonality: Polyclonal
Isotype: IgG

Applications
Our Abpromise guarantee covers the use of ab76032 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>WB</td>
<td>★★★★★</td>
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<tr>
<td>IHC-P</td>
<td>★★★★★</td>
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<td>ELISA</td>
<td></td>
<td></td>
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</tbody>
</table>
Application notes

ELISA: 1/1000.
IHC-P: 1/10 - 1/50.
WB: 1/100 - 1/250. Detects bands of approximately 25 and 50 kDa (predicted molecular weight: 25 kDa).

Not yet tested in other applications.
Optimal dilutions/concentrations should be determined by the end user.

Target

Function

Plays a major role in tight junction-specific obliteration of the intercellular space, through calcium-independent cell-adhesion activity.

Sequence similarities

Belongs to the claudin family.

Cellular localization

Cell junction > tight junction. Cell membrane.

Images

Anti-Claudin 2 antibody - Aminoterminal end (ab76032) at 1/240 dilution + Mouse heart tissue lysates at 35 µg

Predicted band size: 25 kDa
Observed band size: 25 kDa
Additional bands at: 50 kDa. We are unsure as to the identity of these extra bands.

Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with ab76032 at a 1/10 dilution, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining.
Please note: All products are “FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES”

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