Product datasheet

Anti-PDLIM2 antibody ab68220

Overview

Product name: Anti-PDLIM2 antibody
Description: Mouse polyclonal to PDLIM2
Host species: Mouse
Tested applications: Suitable for: WB
Species reactivity: Reacts with: Human
Immunogen: Full length PDLIM2 protein (Human)
Positive control: PDLIM2 transfected 293T cell lysate and human liver tissue lysate

Properties

Form: Liquid
Storage instructions: Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer: pH: 7.20
Constituent: 2.68% PBS
Purity: Protein G purified
Clonality: Polyclonal
Isotype: IgG

Applications

Our Abpromise guarantee covers the use of ab68220 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>1/500 - 1/1000. Detects a band of approximately 36, 38 kDa (predicted molecular weight: 37 kDa).</td>
<td></td>
</tr>
</tbody>
</table>

Target
Function
Probable adapter protein located at the actin cytoskeleton that promotes cell attachment. Necessary for the migratory capacity of epithelial cells. Overexpression enhances cell adhesion to collagen and fibronectin and suppresses anchorage independent growth. May contribute to tumor cell migratory capacity.

Sequence similarities
Contains 1 LIM zinc-binding domain. Contains 1 PDZ (DHR) domain.

Cellular localization
Cytoplasm > cytoskeleton; Nucleus; Cytoplasm. Nucleus. May be partially nuclear and Cytoplasm > cytoskeleton. Colocalizes with beta-1 integrin (ITGB1) and alpha-actinin but not with paxillin.

Images

Anti-PDLIM2 antibody (ab68220) at 1/500 dilution + human liver tissue lysate at 25 µg

Secondary
Goat Anti-Mouse IgG (H&L)-HRP Conjugate at 1/2500 dilution

Predicted band size: 37 kDa
Observed band size: 38 kDa
why is the actual band size different from the predicted?

All lanes : Anti-PDLIM2 antibody (ab68220) at 1/500 dilution
Lane 1 : PDLIM2 transfected 293T cell lysate
Lane 2 : Non-transfected 293T cell lysate

Lysates/proteins at 25 µg per lane.

Secondary
All lanes : Goat Anti-Mouse IgG (H&L)-HRP Conjugate at 1/2500 dilution

Predicted band size: 37 kDa
Observed band size: 36 kDa
why is the actual band size different from the predicted?

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

Our Abpromise to you: Quality guaranteed and expert technical support
- Replacement or refund for products not performing as stated on the datasheet
Valid for 12 months from date of delivery
Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit https://www.abcam.com/abpromise or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors