Overview

Product name: Anti-PRELP antibody
Description: Mouse monoclonal to PRELP
Host species: Mouse
Tested applications: Suitable for: WB, ELISA
Species reactivity: Reacts with: Recombinant fragment
Predicted to work with: Mouse, Rat, Horse, Cow, Dog, Human

Immunogen: Recombinant fragment: RGLPKNSFNI SNLLVLHLSH NRISSVPAIN NRLEHYLNN NSIEKINGTQ ICPNDLVAFH DFSSDLENVP HLRYLRLDGN YLKPP, corresponding to amino acids 281-366 of human PRELP with a GST tag.

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: Preservative: None
Constituents: Ascites fluid
Purity: Ascites
Clonality: Monoclonal
Isotype: IgM
Light chain type: kappa

Applications

Our Abpromise guarantee covers the use of ab76511 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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<tbody>
<tr>
<td>WB</td>
<td></td>
<td>1/500 - 1/1000. Predicted molecular weight: 44 kDa.</td>
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<tr>
<td>Application</td>
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<tr>
<td>ELISA</td>
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<td>Use at an assay dependent dilution.</td>
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**Target**

**Function**
May anchor basement membranes to the underlying connective tissue.

**Tissue specificity**
Connective tissue.

**Sequence similarities**
Belongs to the small leucine-rich proteoglycan (SLRP) family. SLRP class II subfamily. Contains 12 LRR (leucine-rich) repeats.

**Domain**
The basic amino-terminal Arg/Pro-rich binds heparin and heparan sulfate. Binds collagens type I and type II through its leucine-rich repeat domain.

**Cellular localization**
Secreted > extracellular space > extracellular matrix.

**Images**

Anti-PREL antibody (ab76511) at 1/500 dilution + immunogen at 0.2 µg

**Secondary**
Goat Anti-Mouse IgG (H&L)-HRP Conjugate at 1/5000 dilution

**Predicted band size**: 44 kDa

**Observed band size**: 33 kDa

Note: The Western blot is against a tagged, recombinant protein fragment that was used as immunogen, the size of the tag alone being 26 kDa.

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