


Product datasheet

Anti-MRP5 antibody ab77369

2 Images

Overview

|                            |   |
|----------------------------|---|
| <b>Product name</b>        | Anti-MRP5 antibody  |
| <b>Description</b>         | Goat polyclonal to MRP5   |
| <b>Specificity</b>         | This antibody is expected to recognize both reported isoforms (NP_005679.2; NP_001018881.1) of MRP5.  |
| <b>Tested applications</b> | <b>Suitable for:</b> IHC-P, ELISA, WB   |
| <b>Species reactivity</b>  | <b>Reacts with:</b> Human<br><b>Predicted to work with:</b> Mouse, Rat, Chicken, Cow, Dog                                  |
| <b>Immunogen</b>           | Synthetic peptide:<br>KDIDIGKEYIIP-C<br>from the N terminus of the human MRP5 protein sequence according to NP_005679.2; NP_001018881.1.<br><br><a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a> |
| <b>Positive control</b>    | Human brain (frontal cortex) and mouse brain lysates  |

Properties

|                             |   |
|-----------------------------|---|
| <b>Form</b>                 | Liquid  |
| <b>Storage instructions</b> | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.   |
| <b>Storage buffer</b>       | Preservative: 0.02% Sodium Azide<br>Constituents: 0.5% BSA, Tris buffered saline, pH 7.3  |
| <b>Purity</b>               | Immunogen affinity purified   |
| <b>Purification notes</b>   | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| <b>Clonality</b>            | Polyclonal  |
| <b>Isotype</b>              | IgG   |

Applications

Our [Abpromise guarantee](#) covers the use of **ab77369** in the following tested applications.

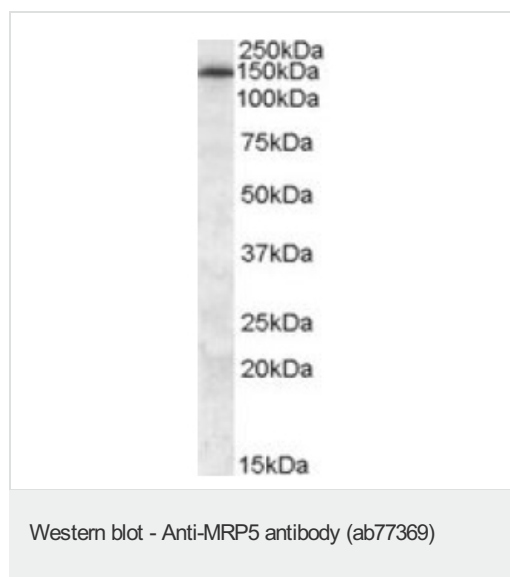
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes  |
|-------------|-----------|--|
| IHC-P       |           | Use a concentration of 4 - 6 µg/ml.  |
| ELISA       |           | 1/32000. This antibody has only been tested in peptide ELISA.                |
| WB          |           | Use a concentration of 0.5 - 1.5 µg/ml. Predicted molecular weight: 161 kDa. |

## Target

|                              |   |
|------------------------------|---|
| <b>Function</b>              | Acts as a multispecific organic anion pump which can transport nucleotide analogs.  |
| <b>Sequence similarities</b> | Belongs to the ABC transporter superfamily. ABCC family. Conjugate transporter (TC 3.A.1.208) subfamily.<br>Contains 2 ABC transmembrane type-1 domains.<br>Contains 2 ABC transporter domains. |
| <b>Cellular localization</b> | Membrane.   |

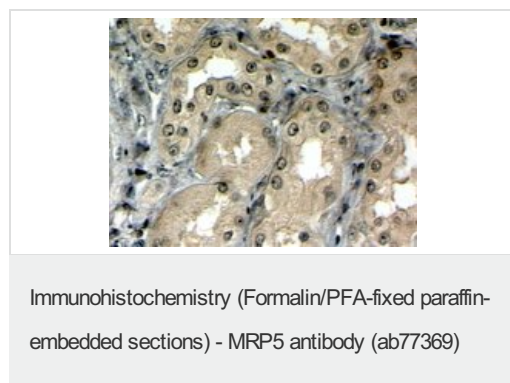
## Images



Anti-MRP5 antibody (ab77369) at 0.5 µg/ml + human frontal cortex lysate in RIPA buffer at 35 µg

**Predicted band size** : 161 kDa

**Observed band size** : 150 kDa



ab77369 at 4 µg/ml staining MRP5 in Human Kidney tissue by Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections). Steamed antigen retrieval with citrate buffer pH 6 was performed, with detection by HRP-staining. Similar results were found with antigen retrieval at pH9.

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