


Product datasheet

Anti-MRP5 antibody ab77369

2 Images

Overview

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

Properties

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

Applications

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

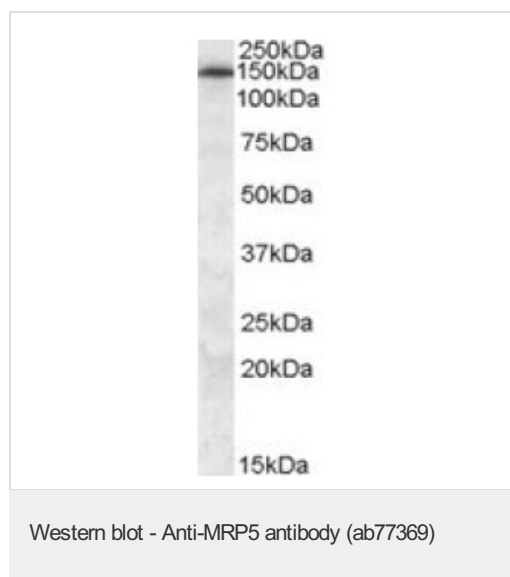
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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

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

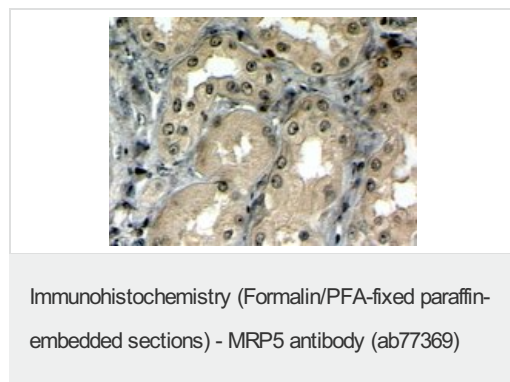
Images



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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