Product Datasheet

MDR1/ABCB1 Antibody
NBP1-90291

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

Publications: 3

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-90291

Updated 7/15/2021 v.20.1
### NBP1-90291
#### MDR1/ABCB1 Antibody

### Product Information

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit Size</td>
<td>0.1 ml</td>
</tr>
<tr>
<td>Concentration</td>
<td>Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.</td>
</tr>
<tr>
<td>Storage</td>
<td>Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.</td>
</tr>
<tr>
<td>Clonality</td>
<td>Polyclonal</td>
</tr>
<tr>
<td>Preservative</td>
<td>0.02% Sodium Azide</td>
</tr>
<tr>
<td>Isotype</td>
<td>IgG</td>
</tr>
<tr>
<td>Purity</td>
<td>Immunogen affinity purified</td>
</tr>
<tr>
<td>Buffer</td>
<td>PBS (pH 7.2) and 40% Glycerol</td>
</tr>
</tbody>
</table>

### Product Description

<table>
<thead>
<tr>
<th>Feature</th>
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</thead>
<tbody>
<tr>
<td>Host</td>
<td>Rabbit</td>
</tr>
<tr>
<td>Gene ID</td>
<td>5243</td>
</tr>
<tr>
<td>Gene Symbol</td>
<td>ABCB1</td>
</tr>
<tr>
<td>Species</td>
<td>Human</td>
</tr>
<tr>
<td>Reactivity</td>
<td>Human reactivity reported in scientific literature (PMID: 25218792)</td>
</tr>
<tr>
<td>Immunogen</td>
<td>This antibody was developed against Recombinant Protein corresponding to amino acids: IAHRLSTVRNADVAGFDGVIVEKGNHDELMEKGIYFKLVTMQTAGNEVELENAADESKSEIDALEMSSNSRSSLIRKRSTRRSVRGSAQDRKLISTKEALDE</td>
</tr>
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</table>

### Product Application Details

<table>
<thead>
<tr>
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<tr>
<td>Applications</td>
<td>Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin</td>
</tr>
<tr>
<td>Recommended Dilutions</td>
<td>Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500</td>
</tr>
<tr>
<td>Application Notes</td>
<td>For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.</td>
</tr>
</tbody>
</table>

### Images

Immunohistochemistry-Paraffin: MDR1/ABCB1 Antibody [NBP1-90291] - Analysis in human adrenal gland and skeletal muscle tissues. Corresponding MDR1/ABCB1 RNA-seq data are presented for the same tissues.
Immunocytochemistry/Immunofluorescence: MDR1/ABCB1 Antibody [NBP1-90291] - Staining of human cell line A-431 shows localization to nucleoplasm & focal adhesion sites. Antibody staining is shown in green.


Immunohistochemistry-Paraffin: MDR1/ABCB1 Antibody [NBP1-90291] - Staining of human skeletal muscle shows no positivity in myocytes as expected.

Publications

Details:
IHC-P 1:200


Limitations
This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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General: novus@novusbio.com

Products Related to NBP1-90291

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<td>MDR1/ABCB1 Recombinant Protein Antigen</td>
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<tr>
<td>HAF008</td>
<td>Goat anti-Rabbit IgG Secondary Antibody [HRP (Horseradish Peroxidase)]</td>
</tr>
<tr>
<td>NB7160</td>
<td>Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]</td>
</tr>
<tr>
<td>NBP2-24891</td>
<td>Rabbit IgG Isotype Control</td>
</tr>
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