Product Datasheet

TfR (Transferrin R) Antibody (8D3)
NB100-64979

Unit Size: 0.25 mg

Store at -20C. Avoid freeze-thaw cycles.

Publications: 6

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Updated 11/6/2018 v.20.1

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NB100-64979
TfR (Transferrin R) Antibody (8D3)

Product Information

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit Size</td>
<td>0.25 mg</td>
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<tr>
<td>Concentration</td>
<td>1.0 mg/ml</td>
</tr>
<tr>
<td>Storage</td>
<td>Store at -20C. Avoid freeze-thaw cycles.</td>
</tr>
<tr>
<td>Clonality</td>
<td>Monoclonal</td>
</tr>
<tr>
<td>Clone</td>
<td>8D3</td>
</tr>
<tr>
<td>Preservative</td>
<td>No Preservative</td>
</tr>
<tr>
<td>Isotype</td>
<td>IgG2a</td>
</tr>
<tr>
<td>Purity</td>
<td>Protein G purified</td>
</tr>
<tr>
<td>Buffer</td>
<td>PBS</td>
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</tbody>
</table>

Product Description

Host: Rat
Gene ID: 7037
Gene Symbol: TFRC
Species: Mouse
Marker: Recycling Endosome Marker

Specificity/Sensitivity: NB100-64979 recognizes native, soluble and denatured forms of murine CD71. The antibody has been used as a BBB transporter vector in mice and is suitable for studying CD71 expression, and iron uptake into different tissues, in the mouse.

Immunogen: Mouse transformed endothelioma cell line t.end1.

Notes: Endotoxin Level <0.01 Eu/ug

Product Application Details


Application Notes: For Flow Cytometry: Use 10 ul of the suggested working dilution to label 10^6 cells in 100 ul. Immunocytochemistry/Immunofluorescence and In vivo assay were reported in scientific literature.

Images

Flow Cytometry: TfR (Transferrin R) Antibody (8D3) [NB100-64979] - RPE conjugated rat anti mouse Ter-119 and FITC conjugated Rat IgG2a isotype control Figure B. RPE conjugated rat anti mouse Ter-119 and FITC conjugated rat anti mouse CD71. All experiments performed on mouse bone marrow. Data acquired on the ZE5Cell Analyzer.
<table>
<thead>
<tr>
<th>Publications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Papademetriou IT, Garnacho C, Schuchman EH, Muro S. In vivo performance of polymer nanocarriers dually-targeted to epitopes of the same or different receptors. Biomaterials 2013 Feb 8 [PMID: 23398883] (In vivo, Mouse)</td>
</tr>
</tbody>
</table>
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Products Related to NB100-64979

<table>
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<tr>
<th>Product Code</th>
<th>Description</th>
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<tr>
<td>HAF005</td>
<td>Goat anti-Rat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]</td>
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<tr>
<td>NB7115</td>
<td>Goat anti-Rat IgG (H+L) Secondary Antibody [HRP]</td>
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<tr>
<td>NBP2-21947-0.1mg</td>
<td>Rat IgG2a Isotype Control (2A3)</td>
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<tr>
<td>H00007037-Q01-10ug</td>
<td>Recombinant Human TfR (Transferrin R) Protein</td>
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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.

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