Purified anti-Apo-D

Catalog # / Size: 826501 / 1 ml
Previously: Covance Catalog# SIG-3622
Signet Catalog# 622-01
Clone: 8CD6
Isotype: Mouse IgG1
Immunogen: This antibody was developed using APO-D protein.
Reactivity: Human
Preparation: The antibody was purified by affinity chromatography.
Formulation: Phosphate-buffered solution with 1% BSA + 0.1% NaN3.
Storage: Store between 2°C and 8°C.

Applications:
Applications: IHC
Recommended Usage: Each lot of this antibody is quality control tested by Western blotting.
The optimal working dilution should be determined for each specific assay condition.
• IHC: ≥1:40 for Biotin based detection systems such as USA Ultra Streptavidin Detection (Cat. No. 929501).

Tissue Sections: Frozen tissue section.
Pretreatment: No pretreatment required.
Incubation: 20-60 minutes at room temperature

Application Notes: This antibody is effective in immunohistochemistry (IHC).
The anti-APO-D antibody, clone 8CD6, recognizes Apolipoprotein-D, a 24 kD progesterone binding glycoprotein.

Positive tissue (human): Frozen kidney, liver

Application References:

Description: Apo-D is a component of high density lipoprotein that has no marked similarity to other apolipoprotein sequences. It has a high degree of homology to plasma retinol-binding protein and other members of the alpha 2 microglobulin protein superfamilies of carrier proteins, also known as lipocalins. This glycoprotein is closely associated with the enzyme lecithin:cholesterol acyltransferase - an enzyme involved in lipoprotein metabolism.

Apo-D is widely expressed in human tissues including the CNS where it is expressed in glia and neurons. Apo-D expression is increased in several neuropathologies such as Alzheimer's Disease and Parkinson's Disease.

Other Names: GCDFP-24, Apolipoprotein D, apo-D

Related Products:

<table>
<thead>
<tr>
<th>Product</th>
<th>Clone</th>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Purified anti-Apo-D</td>
<td>8CD6</td>
<td>WB, IHC, ELISA</td>
</tr>
<tr>
<td>Purified anti-CD172b (SIRPβ1)</td>
<td>B1D5</td>
<td>FC</td>
</tr>
<tr>
<td>Purified anti-Apo E2</td>
<td>3C2</td>
<td>ELISA, WB, IHC</td>
</tr>
</tbody>
</table>

For research use only. Not for diagnostic use. Not for resale. BioLegend will not be held responsible for patent infringement or other violations that may occur with the use of our products.

*These products may be covered by one or more Limited Use Label Licenses (see the BioLegend Catalog or our website, www.biolegend.com/ordering#license). BioLegend products may not be transferred to third parties, resold, modified for resale, or used to manufacture commercial products, reverse engineer functionally similar materials, or to provide a service to third parties without written approval of BioLegend. By use of these products you accept the terms and conditions of all applicable Limited Use Label Licenses. Unless otherwise indicated, these products are for research use only and are not intended for human or animal diagnostic, therapeutic or commercial use.
<table>
<thead>
<tr>
<th>Product Description</th>
<th>Code</th>
<th>Assays</th>
</tr>
</thead>
<tbody>
<tr>
<td>Purified anti-Apo E2</td>
<td>8G3</td>
<td>ELISA, WB</td>
</tr>
<tr>
<td>Purified anti-Apo E4</td>
<td>5A9</td>
<td>ELISA, IHC</td>
</tr>
<tr>
<td>Purified anti-Apo E4</td>
<td>5B5/ApoE4</td>
<td>ELISA, IHC</td>
</tr>
<tr>
<td>Purified anti-Apo J (Clusterin)</td>
<td>Poly18133</td>
<td>IHC, WB, ELISA</td>
</tr>
</tbody>
</table>