**Datasheet: 0650-0050**

**Description:** MOUSE ANTI HUMAN APOLIPOPROTEIN A1

**Specificity:** APOLIPOPROTEIN A1

**Format:** Purified

**Product Type:** Monoclonal Antibody

**Clone:** G2

**Isotype:** IgG1

**Quantity:** 0.5 mg

### Product Details

**RRID** AB_620040

**Applications**

<table>
<thead>
<tr>
<th>Applications</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Immunohistology - Frozen</td>
<td></td>
<td>✓</td>
<td></td>
<td>1/40</td>
</tr>
<tr>
<td>Immunohistology - Paraffin</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ELISA</td>
<td></td>
<td>✓</td>
<td></td>
<td>1/5000</td>
</tr>
<tr>
<td>Western Blotting</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using the appropriate negative/positive controls.

**Target Species** Human

**Product Form** Purified IgG - lyophilised

**Reconstitution**

Reconstitute with 1.0ml distilled water

Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. Bio-Rad recommend that the vial is gently mixed after reconstitution.

**Preparation**

Purified IgG prepared by affinity chromatography on Protein A from ascites

**Buffer Solution**

- 0.01M Sodium Phosphate
- 0.01M Sodium Borate
- 0.15M Sodium Chloride

**Preservative** 1% Dextran

**Stabilisers** 1% Mannitol

**Immunogen** Native Apolipoprotein-A1 from human plasma
Mouse anti Human Apolipoprotein A1, clone G2 recognizes Apolipoprotein A-1 (also known as Apo-A1), a lipid-binding protein which enables the transport of dietary lipids for storage, metabolism and secretion. Apo-A1 plays an important part in the removal of cholesterol from cells.

Mouse anti Human Apolipoprotein A1, clone G2 reacts with both free human Apo-A1 and High Density Lipoprotein (HDL) bearing Apo-A1, but does not cross-react with ApoE, ApoB or Albumin.

**ELISA**

This antibody is suitable for coating microtitre plates in a sandwich ELISA using catalogue number 0650-0190 for detection.

**References**


**Storage**

Prior to reconstitution store at +4°C.  
After reconstitution store at -20°C.  
Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody.

**Guarantee**

Guaranteed until date of expiry. Please see product label.

**Health And Safety Information**


**Regulatory**

For research purposes only

**Related Products**

**Recommended Secondary Antibodies**

Goat Anti Mouse IgG IgA IgM (STAR87...) 
Goat Anti Mouse IgG (STAR77...) 
Rabbit Anti Mouse IgG (STAR12...) 
Rabbit Anti Mouse IgG (STAR8...) 
Rabbit Anti Mouse IgG (STAR13...)

**External Database Links**

UniProt: P02647  
Entrez Gene: 335  
**Related reagents**
Goat Anti Mouse IgG (STAR76...) | RPE
Goat Anti Mouse IgG (STAR70...) | FITC
Goat Anti Mouse IgG (Fc) (STAR120...) | FITC, HRP
Rabbit Anti Mouse IgG (STAR9...) | FITC
Goat Anti Mouse IgG (H/L) (STAR117...) | Alk. Phos., DyLight®488, DyLight®680, DyLight®800, FITC, HRP

**Recommended Negative Controls**

MOUSE IgG1 NEGATIVE CONTROL (MCA928)

<table>
<thead>
<tr>
<th>Region</th>
<th>Tel</th>
<th>Fax</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>North &amp; South America</td>
<td>+1 800 265 7376</td>
<td>+1 919 878 3751</td>
<td><a href="mailto:antibody_sales_us@bio-rad.com">antibody_sales_us@bio-rad.com</a></td>
</tr>
<tr>
<td>Worldwide</td>
<td>+44 (0)1865 852 700</td>
<td>+44 (0)1865 852 739</td>
<td><a href="mailto:antibody_sales_uk@bio-rad.com">antibody_sales_uk@bio-rad.com</a></td>
</tr>
<tr>
<td>Europe</td>
<td>+49 (0) 89 8090 95 21</td>
<td>+49 (0) 89 8090 95 50</td>
<td><a href="mailto:antibody_sales_de@bio-rad.com">antibody_sales_de@bio-rad.com</a></td>
</tr>
</tbody>
</table>

'M353306:190412'

Printed on 20 May 2019