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

RRID: AB_620040

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

<table>
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<th>Application</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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<td>Immunohistology - Frozen</td>
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<td>Immunohistology - Paraffin</td>
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<tr>
<td>ELISA</td>
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<td>Western Blotting</td>
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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
**Specificity**

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**

Material Safety Datasheet documentation #10325 available at:


**Regulatory**

For research purposes only

**Related Products**

**Recommended Secondary Antibodies**

- Goat Anti Mouse IgG IgA IgM (STAR87...) *Alk. Phos., HRP*
- Goat Anti Mouse IgG (STAR77...) *HRP*
- Rabbit Anti Mouse IgG (STAR12...) *RPE*
- Rabbit Anti Mouse IgG (STAR8...) *DyLight800*
- Rabbit Anti Mouse IgG (STAR13...) *HRP*
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)**

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<tbody>
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<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>
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<tr>
<td>Worldwide</td>
<td>+44 (0)1865 852 700</td>
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<tr>
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