Datasheet: MCA4725

**Description:** MOUSE ANTI HUMAN AMYLOID A

**Specificity:** AMYLOID A

**Other names:** SAA

**Format:** Purified

**Product Type:** Monoclonal Antibody

**Clone:** SAA1

**Isotype:** IgG1

**Quantity:** 0.2 mg

### Product Details

**RRID** AB_2285437

**Applications**

<table>
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<tr>
<th>Technique</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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<td>Flow Cytometry</td>
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<td>Immunohistology - Frozen</td>
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<td>Immunohistology - Paraffin</td>
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<td>ELISA</td>
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<td>Immunoprecipitation</td>
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<td>Western Blotting</td>
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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](http://www.bio-rad-antibodies.com/protocols).

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 appropriate negative/positive controls.

**Target Species**

Human

**Product Form**

Purified IgG - liquid

**Preparation**

Purified IgG prepared by affinity chromatography on Protein A

**Buffer Solution**

Phosphate buffered saline

**Preservative Stabilisers**

0.09% Sodium Azide (NaN₃)

**Approx. Protein Concentrations**

IgG concentration 1.0mg/ml

**Immunogen**

Human recombinant amyloid A, conjugated to a carrier protein.
Fusion Partners
Spleen cells from immunised Balb/c mice were fused with cells of the Sp2/0 myeloma cell line.

Specificity
**Mouse anti Human Amyloid A antibody, clone SAA1** recognizes serum amyloid A, an apolipoprotein associated with high-density lipoprotein (HDL). It is produced by the liver and secreted during the acute phase of inflammation. Amyloid A proteins are involved in several processes, including transporting cholesterol to the liver, recruiting immune cell to sites of inflammation and inducing enzymes that degrade extracellular matrix. These proteins are implicated in disease such as amyloidosis, atherosclerosis and rheumatoid arthritis. Elevated serum levels may be associated with lung cancer.

Storage
Store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee
18 months from date of despatch.

Health And Safety Information

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...) **DyLight®800**
- 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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**External Database Links**

- UniProt: [P02735](https://www.uniprot.org/uniprot/P02735) Related reagents
- Entrez Gene: [6288](https://www.ncbi.nlm.nih.gov/gene/6288) SAA1 Related reagents

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