**Product datasheet**

**Anti-IgA2 antibody [RM125] ab193169**

5 Images

### Overview

<table>
<thead>
<tr>
<th><strong>Product name</strong></th>
<th>Anti-IgA2 antibody [RM125]</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description</strong></td>
<td>Rabbit monoclonal [RM125] to IgA2</td>
</tr>
<tr>
<td><strong>Host species</strong></td>
<td>Rabbit</td>
</tr>
<tr>
<td><strong>Tested applications</strong></td>
<td>Suitable for: ELISA, IHC-P, ICC/IF, Flow Cyt, IHC-P</td>
</tr>
<tr>
<td><strong>Species reactivity</strong></td>
<td>Reacts with: Human</td>
</tr>
<tr>
<td><strong>Immunogen</strong></td>
<td>Full length protein corresponding to Human IgA2. Purified Native Human IgA2 from Human Myeloma Plasma</td>
</tr>
<tr>
<td>Database link:</td>
<td>P01877</td>
</tr>
</tbody>
</table>

### Properties

<table>
<thead>
<tr>
<th><strong>Form</strong></th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Storage instructions</strong></td>
<td>Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.</td>
</tr>
<tr>
<td><strong>Storage buffer</strong></td>
<td>Preservative: 0.09% Sodium azide Constituents: 1% BSA, 48% PBS, 50% Glycerol</td>
</tr>
<tr>
<td><strong>Purity</strong></td>
<td>Protein A purified</td>
</tr>
<tr>
<td><strong>Purification notes</strong></td>
<td>Protein A affinity purified from an animal origin–free culture supematant.</td>
</tr>
<tr>
<td><strong>Clonality</strong></td>
<td>Monoclonal</td>
</tr>
<tr>
<td><strong>Clone number</strong></td>
<td>RM125</td>
</tr>
<tr>
<td><strong>Isotype</strong></td>
<td>IgG</td>
</tr>
</tbody>
</table>

### Applications

Our Abpromise guarantee covers the use of ab193169 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.
Relevance

Ig alpha is the major immunoglobulin class in body secretions. It may serve both to defend against local infection and to prevent access of foreign antigens to the general immunologic system.

Cellular localization

Secreted

Target

ELISA

Use at an assay dependent concentration. Use: 50ng/well – 200ng/well (for Capture); 0.05μg/mL – 0.2μg/mL (for Detection);

IHC-P

Use a concentration of 0.5 - 2 μg/ml.

ICC/IF

Use a concentration of 0.5 - 2 μg/ml.

Flow Cyt

Use at an assay dependent concentration. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.

IHC-P

Use a concentration of 0.5 - 2 μg/ml.

Images

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human tonsil tissue labelling IgA2 with ab193169.
A titer ELISA using ab193169. The plate was coated with different amounts of human IgA2. A serial dilution of ab193169 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.

ELISA of human immunoglobulins shows ab193169 only reacted to Human IgA2. No cross reactivity with Human IgA1, IgG, IgM, IgD, or IgE. The plate was coated with 50 ng/well of different immunoglobulins. 200 ng/mL, 50 ng/mL, or 10 ng/mL of ab193169 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.

Sandwich ELISA using ab193169 as the capture antibody (100ng/well), and a biotinylated anti-human light chains (κ+ λ) antibody as the detection antibody, followed by an alkaline phosphatase conjugated streptavidin.
Sandwich ELISA using ab193169 as the capture antibody (100ng/well), and a biotinylated anti-human light chains (κ + λ) antibody as the detection antibody, followed by an alkaline phosphatase conjugated streptavidin.

Please note: All products are “FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES”

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- We investigate all quality concerns to ensure our products perform to the highest standards

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