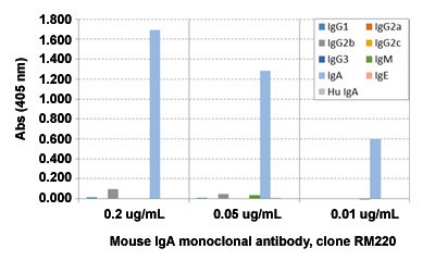
RecomAb™

# Mouse IgA monoclonal antibody, clone RM220

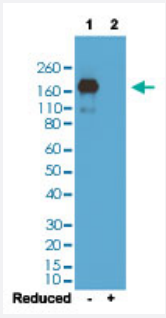
Catalog # MAB12771 Size 100 ug

## Applications




### Enzyme-linked Immunoabsorbent Assay

ELISA analysis of Mouse IgA monoclonal antibody, clone RM220 (Cat # MAB12771) at the following concentrations: 0.2 ug/mL, 0.05 ug/mL, and 0.01 ug/mL. The plate was coated with 50 ng/well of different immunoglobulins and the result shows this antibody reacts to mouse IgA. No cross reactivity with mouse IgG1, IgG2a, IgG2b, IgG2c, IgG3, IgM, IgE, or human IgA. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.




### Western Blot

Western blot analysis of Lane 1: nonreduced (-) and Lane 2: reduced (+) mouse IgA with Mouse IgA monoclonal antibody, clone RM220 (Cat # MAB12771) under 0.5 ug/mL working concentration. This antibody reacts to nonreduced IgA.

## Specification

| | |
|---|---|
| **Product Description** | Rabbit recombinant monoclonal antibody raised against mouse IgA. |
| **Antibody Species** | Rabbit |
| **Immunogen** | Original antibody is raised against mouse IgA. |
| **Sequence** | N/A |
| **Reactivity** | Mouse |
| **Specificity** | This antibody specifically reacts to mouse IgA. No cross reactivity with mouse IgG1, IgG2a, IgG2b, IgG2c, IgG3, IgM, IgE, or human IgA. |

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| | |
|---|---|
| **Form** | Liquid |
| **Purification** | Protein A affinity purification |
| **Isotype** | IgG |
| **Recommend Usage** | ELISA (0.005 - 0.2 ug/mL)<br>Flow Cytometry<br>Immunocytochemistry (0.5 - 2 ug/mL)<br>Immunohistochemistry (0.5 - 2 ug/mL)<br>Immunoprecipitation<br>Western Blot (0.5 - 2 ug/mL)<br>The optimal working dilution should be determined by the end user. |
| **Storage Buffer** | In PBS (50% glycerol, 1% BSA, 0.09% sodium azide) |
| **Storage Instruction** | Store at -20°C.<br>Aliquot to avoid repeated freezing and thawing. |
| **Note** | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only. |

## Applications

- Immunohistochemistry
- Immunocytochemistry
- Flow Cytometry
- Enzyme-linked Immunoabsorbent Assay

  ELISA analysis of Mouse IgA monoclonal antibody, clone RM220 (Cat # MAB12771) at the following concentrations: 0.2 ug/mL, 0.05 ug/mL, and 0.01 ug/mL. The plate was coated with 50 ng/well of different immunoglobulins and the result shows this antibody reacts to mouse IgA. No cross reactivity with mouse IgG1, IgG2a, IgG2b, IgG2c, IgG3, IgM, IgE, or human IgA. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.
- Immunoprecipitation
- Western Blot

  Western blot analysis of Lane 1: nonreduced (-) and Lane 2: reduced (+) mouse IgA with Mouse IgA monoclonal antibody, clone RM220 (Cat # MAB12771) under 0.5 ug/mL working concentration. This antibody reacts to nonreduced IgA.

## Gene Info — Igh-2

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| | |
|---|---|
| **Entrez GeneID** | 238447 |
| **Protein Accession#** | P01878 |
| **Gene Name** | Igh-2 |
| **Gene Alias** | IgA, Igha |
| **Gene Description** | immunoglobulin heavy chain 2 (serum IgA) |
| **Gene Ontology** | Hyperlink |
| **Other Designations** | - |

## Publication Reference

- The Intestinal Immune Network for IgA Production is Involved in the Development and Progression of Sepsis: A Multi-Omics Study.

  Yi-Feng Wang, Song Gao, Fei Gao, Mei-Li Wu, Lan Yang, Jia-Yue Zhang, Ya-Nan Wang, Hong-Yang Xu.

  Journal of Inflammation Research 2025 Nov; 18:15887.

  Application: IHC, Mice, The ileum tissues

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