

## ARG65480 anti-IgM antibody [MA2]

Package: 100 µg  
Store at: -20°C

### Summary

|                     |   |
|---------------------|---|
| Product Description | Mouse Monoclonal antibody [MA2] recognizes IgM                                  |
| Tested Reactivity   | Hu  |
| Tested Application  | ELISA   |
| Specificity         | The clone MA2 reacts with µ-chain of human IgM, Fab - region localized epitope. |
| Host                | Mouse   |
| Clonality           | Monoclonal  |
| Clone               | MA2   |
| Isotype             | IgG2b   |
| Target Name         | IgM   |
| Species             | Human   |
| Immunogen           | IgM from human serum. _x000D_   |
| Conjugation         | Un-conjugated   |

### Application Instructions

|                   |  |                 |
|-------------------|--|-----------------|
| Application table | Application  | Dilution        |
|                   | ELISA  | Assay-dependent |
| Application Note  | * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. |                 |

### Properties

|                     |  |
|---------------------|--|
| Form                | Liquid   |
| Purification        | Purified from ascites by precipitation methods and ion exchange chromatography.  |
| Purity              | > 95% (by SDS-PAGE)  |
| Buffer              | TBS (pH 8.0) and 15 mM Sodium azide  |
| Preservative        | 15 mM Sodium azide   |
| Concentration       | 1 mg/ml  |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note                | For laboratory research only, not for drug, diagnostic or other use.   |

## Bioinformation

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### Database links

[GeneID: 959 Human](#)

[Swiss-port # P29965 Human](#)

### Background

Immunoglobulin M (IgM) is produced as a 900 kDa pentamer, which is an efficient complement binder. This antibody type is produced initially in the immune response and it is the first immunoglobulin class to be synthesized by a fetus or newborn. IgM antibodies do not cross the placenta. IgM concentration in blood is 0.12 g/l and its biological survival (plasma T1/2) is 5 days.

### Research Area

Cell Biology and Cellular Response antibody; Developmental Biology antibody; Immune System antibody