Rabbit anti-Human IgM mAb



Catalog No.: RMK0353

Basic Information

Catalog No.

RMK0353

Catagory

Elisa Antibody Kit

Application

multiplex assay

Product Information

Ig Type

Rabbit IgG

Purification

Affinity purification

Endotoxin Level

Storage

Store at -20°C. Avoid freeze / thaw cycles. Preservative 0.05% ProClin 300. Avoid repeated freeze-thaw cycles.

Formulation

Supplied as a 0.2um filtered solution in PBS,PH 7.4 containing Human IgM Antibody

Contact

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|----------|----------------------|
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Background

Immunoglobulins (Ig) are the antigen recognition molecules of B cells. An Ig molecule is made up of 2 identical heavy chains and 2 identical light chains (see MIM 147200) joined by disulfide bonds so that each heavy chain is linked to a light chain and the 2 heavy chains are linked together. Each Ig heavy chain has an N-terminal variable (V) region containing the antigen-binding site and a C-terminal constant (C) region, encoded by an individual C region gene, that determines the isotype of the antibody and provides effector or signaling functions. The heavy chain V region is encoded by 1 each of 3 types of genes: V genes (see MIM 147070), joining (J) genes (see MIM 147010), and diversity (D) genes (see MIM 146910). The C region genes are clustered downstream of the V region genes within the heavy chain locus on chromosome 14. The IGHM gene encodes the C region of the mu heavy chain, which defines the IgM isotype. Naive B cells express the transmembrane forms of IgM and IgD (see IGHD; MIM 1471770) on their surface. During an antibody ...

Immunogen Information

Immunogen

Human IgM

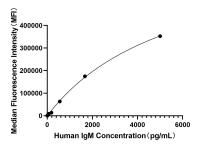
Cross-Reactivity

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Assay Applications

Human IgM multiplex assay

| | Recommended Concentration | Sample |
|---------------------|------------------------------|---|
| Multiplex Capture | 3-20ug/mL | Rabbit anti-Human IgM mAb(Cat. No.RMK0353) |
| Multiplex Detection | 0.017-2ug/mL | Rabbit anti-Human IgM mAb(Cat. No.RMK0354) |
| Standard | 6.86-5000pg/mL | Recombinant Human IgM Protein |



Standard Curve Chart