

## IgM recombinant antibody

Human IgM Rabbit mAb

|                               |                       |                            |                                                                                |
|-------------------------------|-----------------------|----------------------------|--------------------------------------------------------------------------------|
| CATALOG #<br><b>AAA315413</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunoprecipitation, Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|--------------------------------------------------------------------------------|

### PRODUCT SYNONYMS

IgM; Monoclonal Recombinant Antibody; Human IgM Rabbit mAb; IGHM; Immunoglobulin mu; IgM recombinant antibody

### PRODUCT SPECIFICATIONS

|                                                      |                                                                                                  |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| Host                                                 | Rabbit                                                                                           |
| Reactivity                                           | Human                                                                                            |
| Clonality                                            | Monoclonal                                                                                       |
| Isotype                                              | Rabbit IgG                                                                                       |
| Specificity                                          | Human IgM Antibody detects endogenous levels of total Human IgM                                  |
| Purity/Purification                                  | Affinity-chromatography                                                                          |
| Form/Format                                          | Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Applicable Applications for IgM recombinant antibody | IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)                          |
| Immunogen                                            | A synthesized peptide derived from human Human IgM                                               |
| Preparation and Storage                              | Store at +4 degree C short term. Store at -20 degree C long term. Avoid freeze/thaw cycle.       |

### IMAGES


**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded Human tonsil, using Human IgM Antibody.


**WB (Western Blot)**

Western blot analysis of Human IgM expression in human plasma lysate.

### ADDITIONAL INFORMATION

|                                                          |                                                                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for IgM recombinant antibody | IgM measurement yields information about the body's immediate resistance and response to infection as well as information related to specific diseases. Decreased levels are associated with immune deficiency states, hereditary deficiencies, and myeloma. Increased levels can be associated with Waldenstrom's macroglobulinemia, chronic infection and hepatocellular disease. |
| Product Categories/Family for IgM recombinant antibody   | <a href="#">Recombinant Rabbit Monoclonal</a>                                                                                                                                                                                                                                                                                                                                       |

### NCBI AND UNIPROT INFORMATION

|             |           |
|-------------|-----------|
| NCBI GI #   | 193806374 |
| NCBI GeneID | 3507      |

|                                  |                                  |
|----------------------------------|----------------------------------|
| UniProt Accession #              | P01871; P20769                   |
| Molecular Weight                 | 75,000                           |
| NCBI Official Full Name          | Ig mu chain C region             |
| NCBI Official Synonym Full Names | immunoglobulin heavy constant mu |
| NCBI Official Symbol             | IGHM                             |
| NCBI Official Synonym Symbols    | MU; VH; AGM1                     |
| UniProt Protein Name             | Ig mu chain C region             |
| UniProt Gene Name                | IGHM                             |
| UniProt Entry Name               | IGHM_HUMAN                       |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/igm-recombinant-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/315413>