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human IgM Antibody
Purified Mouse Monoclonal Antibody
Catalog # AO1004a

Specification

human IgM Antibody - Product Information

Application	**E**
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Isotype	**IgG1**

Description
Immunoglobulin M (IgM), along with IgA, IgD, and IgE, make up approximately 20% of the total gamma globulin in the body, with IgG accounting for the other 80%.Each class of antibody gets its designation from the heavy and light peptide chains that make up the antibody structure.IgM is the first immunoglobulin produced during the immune response and the first antibody produced in neonates. Serum levels of IgM are associated with certain autoimmune diseases, and abnormally low levels may indicate the presence of Wiskott-Aldrich Syndrome, an inherited immunodeficiency disorder. Monoclonal Anti-Human IgM is derived from the hybridoma1 produced by the fusion of mouse myeloma cells and splenocytes from an immunized mouse.

Immunogen
ChromPure Human IgM (myeloma), whole molecule.

Formulation
Purified antibody in PBS containing 0.03% sodium azide.

human IgM Antibody - Additional Information

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
human IgM Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

human IgM Antibody - Protein Information

human IgM Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides

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- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

human IgM Antibody - Images

human IgM Antibody - References

1. Hoppe-Seyler's Z. et al. Physiol. Chem. 354:1505-1509(1973). 2. Roitt,I, et al :"Immunology",Mosby.,London, England, (1996) fourth edition.