

Datasheet for 609-4131**Human IgM (Fc5u) Antibody****Overview**

Description:	Rabbit Anti-Human IgM (Fc5u) Antibody - 609-4131
Item No.:	609-4131
Size:	2 mg
Applications:	ELISA
Reactivity:	Human
Host Species:	Rabbit

Product Details

Background:	Anti-Human IgM Fc5 μ antibody generated in rabbit specifically detects Fc5 μ portion of the human IgM heavy chain. Immunoglobulin M is the largest antibody isotype and the first to be secreted against an initial exposure to antigen. IgM is predominantly produced in the spleen. Formed from covalently linking 5 immunoglobulins together. Due to this large size, IgM is typically isolated to the serum. Anti-Human IgM Fc5 μ antibody is ideal for investigators in Immunology, Microbiology, and Cell Biology.
Synonyms:	rabbit anti-Human IgM Fc5 μ Antibody, Human IgM Fc5u Antibody, Rb-a-Human IgM Fc5 μ Antibody, Human IgM Fc5 μ Antibody in Rabbit, Human M Fc5 μ Secondary Antibody
Host Species:	Rabbit
Specificity:	IgM Fc5 μ
Clonality:	Polyclonal
Format:	IgG

Target Details

Reactivity:	Human
Immunogen Type:	Native Protein
Immunogen:	Anti-Human IgM Fc5 μ was produced by repeated immunization with Human IgM Fc5 μ fragment in rabbit.

Purity/Specificity:	Human IgM Fc5 μ Antibody was prepared from monospecific antiserum by immunoaffinity chromatography using antigens coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit Serum, Human IgM and Human Serum. No reaction was observed against Human IgG or Human IgA.
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Application Details

Tested Applications:	ELISA
Application Note:	Human IgM Fc5 μ antibody has been tested by ELISA and is suitable for immunoblotting (western or dot blot), ELISA, and immunohistochemistry requiring extremely low background levels, lot-to-lot consistency, high titer and specificity.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:20,000 - 1:50,000
IHC:	1:500 - 1:3,000
WB:	1:500 - 1:3,000

Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	2.07mg/mL by UV absorbance at 280 nm
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	0.01% (w/v) Sodium Azide
Stabilizer:	None

Shipping & Handling

Shipping Condition:	Wet Ice
Storage Condition:	Store vial at 4° C prior to opening. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing.
Expiration:	Expiration date is one (1) year from date of receipt.

Disclaimer

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