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Datasheet for 209-301-031

Human IgM Fc5u Antibody

Overview

Description:	Mouse Anti-Human IgM (Fc5μ) Antibody - 209-301-031
Item No.:	209-301-031
Size:	100 μg
Applications:	ELISA, WB
Reactivity:	Human
Host Species:	Mouse

Product Details

humar secreti Forme typical	uman IgM Fc5µ antibody generated in mice specifically detects Fc5µ portion of the IgM heavy chain. Immunoglobulin M is the largest antibody isotype and the first to be ed against an initial exposure to antigen. IgM is predominantly produced in the spleen. Ig from covalently linking 5 immunoglobulins together. Due to this large size, IgM is ly isolated to the serum. Anti-Human IgM Fc5µ antibody is ideal for investigators in hology, Microbiology, and Cell Biology.
	anti-Human IgM Fc5μ Antibody, Human IgM Fc5u Antibody, Ms-a-Human IgM Fc5μ dy, Human IgM Fc5μ Antibody in Mouse, Human M Fc5μ Secondary Antibody
Host Species: Mouse	
Specificity: IgM Fo	5μ
Clonality: Monoc	clonal
Clone ID: 22G1.I	18
Format: IgG2b	

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 mice.

www.rockland.com Page 1 of 3





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Purity/Specificity: Ant

Anti-Human IgM Fc5 μ Antibody was prepared from concentrated roller bottle supernatant by Protein A chromatography sepharose beads. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Mouse Serum, Human IgM, Human Serum and Human Fc5 μ . No reaction was observed against Human IgG, Human IgA, Human Fc, Human Fab or Human Fab2.

Application Details

Tested Applications:	ELISA, WB
Application Note:	Human IgM Fc5 μ antibody has been tested by ELISA and Western Blot. This product 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:	1:1000 - 1:10000
WB:	1:1000-1:2000

Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1.0 mg/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:	Dry Ice
Storage Condition:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiration:	Expiration date is one (1) year from date of receipt.

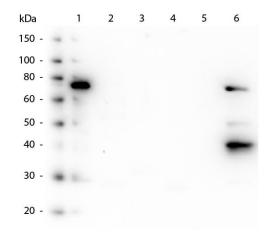
Images

www.rockland.com Page 2 of 3





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Western Blot

Western Blot of Mouse anti-Human IgM Fc5 μ antibody. Lane 1: Human IgM (p/n 009-0107). Lane 2: Human IgG (p/n 009-0102). Lane 3: Human Fc (p/n 009-0103). Lane 4: Human Fab (p/n 009-0105). Lane 5: Human Fab2 (p/n 009-0104). Lane 6: Human IgM Fc5 μ (p/n 009-0131). Load: 50 ng whole molecule per lane. Primary antibody: anti-Human IgM Fc5 μ monoclonal antibody at 1:1000 for overnight at 4° C. Secondary antibody: Peroxidase anti-mouse secondary antibody at 1:40,000 for 30 min at RT. Block: MB-070 for 30 min at RT. Predicated/Observed size: 78 kDa, 78 kDa for Human IgM.

Disclaimer

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www.rockland.com Page 3 of 3