

# Human IgM Isotype Control

## Product Details

Size	2 mg
Host/Isotope	Human / IgM
Class	Control
Type	Isotype Control
Conjugate	Unconjugated
Form	Liquid
Concentration	4.4 mg/mL
Purification	purified
Storage buffer	PBS, pH 7.6
Contains	no preservative
Storage Conditions	4° C
RRID	AB_844400

Applications	Tested	Dilution	Published
Flow Cytometry (Flow)	-		1 Publication
Blocking Assay (BLOCK)	✓	Assay Dependent	
Control (Ctrl)	✓	Assay-Dependent	
Immunocytochemistry (ICC)	✓	Assay Dependent	
Immunofluorescence (IF)	✓	Assay Dependent	
Immunohistochemistry (IHC)	✓	Assay Dependent	

## Product Specific Information

Concentration may vary slightly from lot-to-lot, see lot-specific datasheet for exact concentration.

**Purity:** The precipitin lines against goat anti-human whole serum are the same as those against goat anti-human IgM, Fc5-mu fragment specific, when assayed by immunoelectrophoresis at an antigen concentration equivalent to 20 mg/mL. No reaction was observed against goat anti-human IgG, Fc fragment specific, goat anti-human IgA, alpha chain specific, or goat anti-human alpha-2-macroglobulin.

This antibody is recommended for use in blocking assays, immunohistochemical, immunocytochemical and immunofluorescent applications.

**Storage:** Store product at 4°C until opened. After opening, dilute only enough antibody for a single day's use. Store remainder at 4° C under sterile conditions.

Country of Origin: USA

## Flow Cytometry (1)

Journal of immunology (Baltimore, Md. : 1950)

### Identification of Cell Surface Straight Chain Poly-N-Acetyl-Lactosamine Bearing Protein Ligands for VH4-34-Encoded Natural IgM Antibodies.

"31146 was used in flow cytometry to discover that CD147-CD98 is a major carrier of poly-N-acetyl-lactosamine on human pre-B cell line"

Authors: Bhat NM, Adams CM, Chen Y, Bieber MM, Teng NN

**Species**  
Not Applicable

**Dilution**  
Not Cited

**Year**  
2015

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