# Human IgM Cross-Adsorbed Antibody

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Goat Polyclonal Conjugate HRP

Antigen Affinity Purified

Catalog No. A80-200P

Lot No. 16

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|---|---|
| **APPLICATIONS** | WB, IHC, ICC, ELISA |
| **SPECIES REACTIVITY** | Human. Minimum reactivity to mouse and rat |
| **AMOUNT** | 1 ml |
| **CONCENTRATION** | 0.5 mg/ml |
| **STORAGE/SHELF LIFE** | 2 - 8°C / 1 year from date of receipt |
| **PHYSICAL STATE** | Liquid |
| **BUFFER** | Phosphate Buffered Saline (PBS) containing 0.2% BSA and 0.05% Pro-Clean 400 |
| **ISOTYPE** | IgG |
| **ORIGIN** | USA |

**PRODUCTION PROCEDURES**

Antiserum was solid phase adsorbed to ensure class specificity. Antiserum was cross adsorbed using mouse and rat immunosorbents to remove cross reactive antibodies. The antibody to human IgM was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to horseradish peroxidase (HRP).

Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.

By immunoelectrophoresis and ELISA this antibody reacts specifically with human IgM. Cross reactivity with IgA and IgG is negligible. No antibody was detected against non-immunoglobulin serum proteins. Less than 1% cross reactivity to mouse and rat IgM was detected. This antibody may cross react with IgM from other species.

**APPLICATIONS**

Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

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| Western Blot | 1:2,000 - 1:20,000 |
| Immunohistochemistry | 1:200 - 1:2,000 |
| Immunocytochemistry | 1:200 - 1:2,000 |
| ELISA | 1:10,000 - 1:100,000 |

**APPLICATION NOTES**

Not all listed applications have been specifically tested by our laboratory.

**ADDITIONAL INFO**

https://www.fortislife.com/p/A80-200P

Use the link above to view SDS, a current list of citations, and other product specific information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

Michael Spencer, PhD Date: March 31, 2023



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