



**Meridian**  
**Life Science, Inc.**  
Innovative Solutions. Trusted Partner.®

5171 Wilfong Road  
Memphis, TN 38134  
Telephone: 901-382-8716  
Fax: 901-333-8223  
Email: [info@meridianlifescience.com](mailto:info@meridianlifescience.com)  
[www.MeridianLifeScience.com](http://www.MeridianLifeScience.com)

## CERTIFICATE OF ANALYSIS

**Important Note:** Centrifuge before opening to ensure complete recovery of vial contents.

**Catalog #:** W99154A **Lot #:** 10B04005

**Description:** Goat anti Human IgM (Fcu)  
Goat Antibody to Human Immunoglobulin M (IgM), Fc<sub>5u</sub> specific  
Alkaline Phosphatase conjugated

**Specificity:** Based on immunoelectrophoresis, the antibody reacts with the Fc<sub>5u</sub> portion of the human IgM heavy chain. No antibody was detected against normal human IgG or IgA, or against non-immunoglobulin serum proteins, but the antibody may cross-react with IgM from other species.

**Host Animal:** Goat

**Format:** Alk. Phos. Lyophilized.  
Reconstitute to 1ml with distilled water. Centrifuge product if it is not completely clear after standing for 1-2 hours at room temperature. To judge clarity, draw product into a clean pasteur pipette.

**Purification:** Isolated from antisera by immunoaffinity chromatography using antigens coupled to agarose beads.

**Concentration:** 0.6mg/ml (prior to lyophilization)

**Buffer:** Lyophilized from 0.01M Tris-HCl, 0.25M Sodium chloride, pH 8.0 containing 15mg/ml BSA.

**Preservative:** 0.05% Sodium Azide

**Applications:** A dilution range of 1:5,000 to 1:50,000 is suggested for ELISA and Western blotting. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

**Storage:** Store lyophilized product at 2-8°C. After reconstitution, product is stable for several weeks at 2-8°C as an undiluted liquid. Prepare working dilution only prior to immediate use. For extended storage after reconstitution, we suggest the addition of an equal volume of glycerol (ACS or better grade) to make a final glycerol concentration of 50% followed by storage at -20°C with or without aliquoting. Please note that the concentration of protein and buffer salts will decrease to one-half of the original after the addition of glycerol. Expiration date is one year from date of reconstitution.

**Warnings:** This product contains sodium azide, which has been classified as Xn (Harmful), in European Directive 67/548/EEC in the concentration range of 0.1 – 1.0 %. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.

*Robert Ott*

Signature

18 September 2013

Date

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**