Meridian
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CERTIFICATE OF ANALYSIS

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

Catalog #: P54102M **Lot #:** 4A02605

Description: MAb to Mouse IgG3
Monoclonal Antibody to Mouse Immunoglobulin G3 (IgG$_3$)

Specificity: Specific for the IgG$_3$ heavy chain of mouse immunoglobulin. Does not react with human IgG.

Clone: LO-MG3-7

Host Animal: Rat. Fusion Partner is Non secreting LOU/c rat IR983F fusion line. **Isotype**: IgM, kappa

Source: Ascites

Format: Affinity Purified, Liquid

Purification: Immunoaffinity chromatography

Concentration: 1mg/ml (OD280nm, $E^{1\%} = 14$)

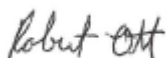**Affinity Constant**: Not determined.

Buffer: PBS, pH 7.2

Preservative: 0.1% Sodium azide

Applications: Suitable for use in ELISA (1:400-1:1,600). 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: Upon receipt, aliquot and store at –20ºC.

Warning: 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.

References: The references listed below are for research purposes only.

1. Bazin, H., (1982), "Production of rat monoclonal antibodies with the LOU rat non secreting IR983F myeloma cell line", Prot. Biol Fluids. Peters Ed: 29th Colloquim (1981). Pergamon Press, Oxford and NY, pp 615-618
2. Bazin, H., et al., (1984), "Rat monoclonal antibodies, II. A rapid and efficient method of purification from ascetic fluid or serum", J. Immunol. Methods, **71**(1): 9-16

Robert Ott

Signature

23 September 2013

Date

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY