



# Meridian

## Life Science, Inc.

Innovative Solutions. Trusted Partner.®

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### CERTIFICATE OF ANALYSIS

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

**Catalog #:** C66130M **Lot #:** M00701013  
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**Description:** MAb to Rotavirus, VP6  
Monoclonal Antibody to Rotavirus Group A Specific Antigen VP6

**Specificity:** Rotavirus group A specific antigen VP6. Reacts with strains EDIM, SA-11, Wa, and bovine NCDV.

**Host Animal:** Mouse **Isotype:** IgG<sub>2a</sub>, kappa

**Source:** Ascites

**Immunogen:** Murine Rotavirus EDIM **Mfg. Date:** 19 AUG 2013

**Format:** Purified, Liquid **Exp. Date:** 24 FEB 2022

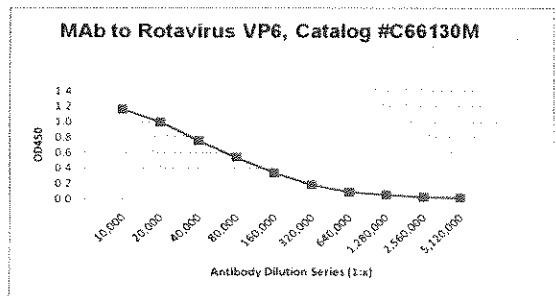
**Purification:** ≥ 90% pure (SDS-PAGE). Protein A Chromatography  
Product is 0.2 µm filtered.

**Concentration:** 5.11 mg/mL (OD280nm, E<sup>0.1%</sup> = 1.4)

**Buffer:** 10 mM Sodium Phosphate, 150 mM Sodium Chloride, pH 7.4.

**Preservative:** 0.1% Sodium Azide

**Applications:** Suitable for use in ELISA. 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.



**Titration curve of C66130M in indirect ELISA**

Antigen: Rotavirus Strain SA-11, Catalog# 7844, coated at 1 µg/well.

Antibody: Dilution series of C66130M, incubated 2 hours at room temp. followed by Goat anti-Mouse IgG:HRP conjugate and OPD substrate.

**Storage:** Short term (up to 7 days) store at 2-8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.



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Catalog #C66130M

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**Safety Note(s):** See appropriate Safety Data Sheet (SDS) for additional information.

**References:** The reference listed below is for research purposes only:  
Cukor, G., et al., (1984), "Detection of Rotavirus in Human Stools by Using Monoclonal Antibody", Journal of Clinical Microbiology, **19**(6): 888-892.

*Balderson*

25 FEB 2020

Signature

Date

**FOR RESEARCH USE ONLY, NOT FOR USE IN DIAGNOSTIC PROCEDURES**

Rev 003