



Meridian
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CERTIFICATE OF ANALYSIS

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

Catalog #: H86502M **Lot #:** 3F17416

Description: MAb to Solbl Guanylate Cyclase
Monoclonal Antibody to Human Soluble Guanylate Cyclase (hsGC)

Specificity: Recognizes the beta subunit of Human Soluble Guanylate Cyclase.

Host Animal: Mouse. Hybridization of Sp2/0 myeloma cells with spleen cells from Balb/c mice. **Isotype:** IgG_{2a}

Source: Ascites

Immunogen: Recombinant human soluble guanylate cyclase alpha₁ beta₁ heterodimer.

Format: Purified, Liquid

Purification: > 90% pure (SDS-PAGE). Protein A Chromatography

Concentration: 6.4 mg/mL (OD280nm, E^{0.1%} = 1.4)

Buffer: Phosphate Buffered Saline, pH 7.4

Preservative: 0.09% Sodium Azide

Applications: Suitable for use in ELISA and Western Blot. 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 at 2–8°C.

Safety Notes (s): Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Diana Dunn

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FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY