



# 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 #:** M67340M **Lot #:** 11125705

**Description:** MAb to GST (pGEX)  
Monoclonal Antibody to Glutathione S Transferase (GST) (pGEX)

**Specificity:** Specifically interacts with GST of Schistosoma japonicum that is encoded by the pGEX expression vectors.  
Does not interact with human, mouse, rat mammalian GST proteins.

**Clone:** BDI340

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

**Source:** Cell culture

**Immunogen:** Recombinant GST (pGEX), Schistosoma japonicum

**Format:** Purified, Lyophilized  
Reconstitute with 1ml water (15 minutes at room temperature)

**Purification:** Thiophilic adsorption and size exclusion chromatography

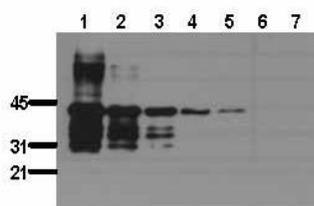
**Concentration:** 100ug/ml (prior to lyophilization)

**Affinity Constant:** Not determined

**Buffer:** Lyophilized from 2X PBS, PEG and Sucrose

**Preservative:** 0.09% Sodium azide (prior to lyophilization)

**Applications:** Immunoblotting: 1ug/ml for HRP/ECL detection.  
Recommended blocking buffer CPPT: 0.5% (w/v) casein, 1% (w/v) PEG 4000, 1% (w/v) Polyvinylpyrrolidone (PVP), 0.1% Tween 20, 10mM Tris/HCl, pH 7.4, 150mM Sodium chloride.



**Antibody sensitivity**

Recombinant GST-PIN1 was separated by SDS-PAGE and transferred to a PVDF membrane. The blot was probed with 0.5µg/ml M67340M for 1 hour at RT and developed by ECL (exp. time: 30 sec).

Lane 1: 100ng	Lane 5: 5ng
Lane 2: 50ng	Lane 6: 2ng
Lane 3: 25ng	Lane 7: 1ng
Lane 4: 10ng	

Immunoprecipitation: use at 1-10ug

ELISA: use at 0.05ug/ml

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 -20°C. After reconstitution, aliquot and store (up to 1 year) at -80°C. Thawed aliquots may be stored at 2-8°C for up to 3 months. Avoid multiple freeze/thaw cycles.

**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.

*Robert Ott*

Signature

26 September 2013

Date

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**