



Meridian
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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_{2a}, 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)

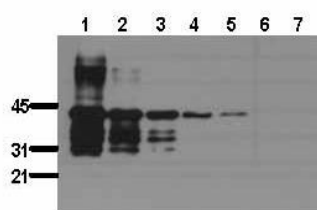
Affinity Constant: Not determined

Buffer: Lyophilized from 2X PBS, PEG and Sucrose

Preservative: 0.09% Sodium azide (prior to lyophilization)

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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