



Datasheet for ABIN5650751
anti-GST antibody (Biotin)



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1 Image

Overview

| | |
|--------------|---|
| Quantity: | 100 µg |
| Target: | GST |
| Reactivity: | Schistosoma japonicum |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This GST antibody is conjugated to Biotin |
| Application: | Western Blotting (WB), ELISA |

Product Details

| | |
|---------------|--|
| Immunogen: | Glutathione-S-Transferase (GST) tagged protein |
| Clone: | 3E2 |
| Isotype: | IgG1 |
| Specificity: | Detects 26 kDa for purified GST protein. Does not detect proteins without a GST tag. |
| Purification: | Protein G Purified |

Target Details

| | |
|-------------------|--------------------------------------|
| Target: | GST |
| Alternative Name: | GST (GST Products) |
| UniProt: | P08515 |

Application Details

Application Notes:

- WB (1:1000)
- ELISA (1:800)
- optimal dilutions for assays should be determined by the user.

Comment: A 1:1000 dilution of ABIN5650751 was sufficient for detection of GST in 1 µg of Purified GST tagged PmtA by ECL immunoblot analysis using goat anti-mouse IgG:HRP as the secondary antibody.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: PBS pH 7.4, 50 % glycerol, 0.09 % Sodium azide, Storage buffer may change when conjugated

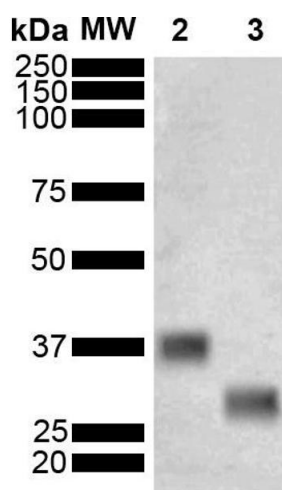
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Storage Comment: Conjugated antibodies should be stored at 4°C

Images



Western Blotting

Image 1. Western Blot analysis of *Schistosoma japonicum* Purified GST showing detection of 26 kDa GST protein using Mouse Anti-GST Monoclonal Antibody, Clone 3E2 (ABIN5650751). Lane 1: Molecular Weight Ladder (MW). Lane 2: Purified *Pseudomonas aeruginosa* Metallothionein (PmtA) GST tagged protein. Lane 3: GST. Load: 1 µg. Block: 5 % Skim Milk powder in TBST. Primary Antibody: Mouse Anti-GST Monoclonal Antibody (ABIN5650751) at 1:1000 for 2 hours at RT. Secondary Antibody: Goat Anti-Mouse IgG:HRP at 1:5000 for 1 hour at RT. Color Development: ECL solution for 5 min in RT. Predicted/Observed Size: 26 kDa.