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GST Antibody, Mouse Monoclonal

Cat#: M2365

Quantity: 100 µl

Predicted | Observed M.W.: 26 kDa

Isotype: Mouse IgG1

Lot#: Refer to vial

Application: WB

Uniprot ID: P08515

Background:

Glutathione S-transferase class-mu 26 kDa isozyme (GST26) is an enzyme that can conjugate reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles. GST isoenzymes appear to play a central role in the parasite detoxification system. Other functions are also suspected including a role in increasing the solubility of haematin in the parasite gut. GST exists as homodimers.

Other Names:

Glutathione S-transferase class-mu 26 kDa isozyme, GST 26, Sj26 antigen, SjGST

Source and Purity:

Mouse monoclonal antibodies were produced by immunizing animals with the full-length GST26 from *Schistosoma japonicum* (Blood fluke). Antibodies were purified by Caprylic Acid- Ammonium Sulfate precipitation.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 40% Glycerol, 0.02% Thimerosal. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Schistosoma japonicum (Blood fluke)

Tested Applications:

WB: 1:1,000-1:5,000 (detect recombinant protein)

Product Data:

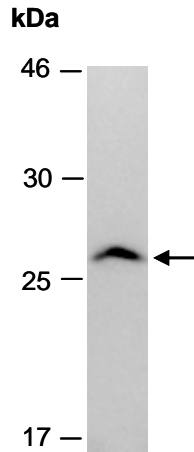


Fig 1. Western blot of recombinant GST 26 protein (200 ng) from *Schistosoma japonicum*, using Ab (M2365) at RT for 2 h.