

Datasheet for ABIN5650743
anti-GST antibody (Atto 488)



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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 Atto 488
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

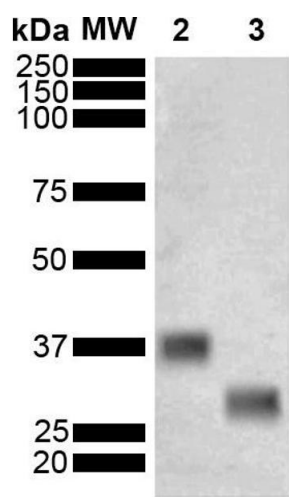
Application Details

Application Notes:	• WB (1:1000) • ELISA (1:800) • optimal dilutions for assays should be determined by the user.
Comment:	A 1:1000 dilution of ABIN5650743 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 (ABIN5650743). 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 (ABIN5650743) 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.