

Datasheet

OVERVIEW AND PROPERTIES

Product Name	PtX™ Mouse Anti-Glutathione S-transferase Recombinant Antibody
Catalogue Number	CBT_A0018
Expression Host	<i>Nicotiana benthamiana</i> plants
Clonality	Monoclonal, recombinant
Species and Isotype	Mouse IgG2
Tag	None
Reporter Protein	None
Description	This product is a full-length Mouse IgG2 recombinant antibody specific to the GST Tag. It was produced in <i>Nicotiana benthamiana</i> plants via <i>Agrobacterium tumefaciens</i> mediated infiltration.
Target Name	Glutathione-S-Transferase (GST)
Verified Applications	Western blot, ELISA
Dilution Range	Western blot (1: 5 000 – 1: 50 000) ELISA (1: 2 000 – 1: 50 000)
Concentration	0.5 mg/ml
Form	Liquid
Colour	Clear, slight yellow tinge
Preparation	Ready to use
Storage	Short term (up to one week): 2 – 8 °C Long term: Aliquot and store at – 20 °C Store immediately. Aliquot and avoid multiple freeze thaw cycles.
Storage Buffer	0.1 M Phosphate Buffered Saline, pH 7.4 Preservative: None
Purification Notes	This product was purified using Protein A affinity chromatography.
Purity	≥ 90 % as determined by SDS-PAGE
General Notes	If for any reason the product does not perform as specified, please contact our scientific support team for assistance by emailing sales@capebiologix.com .

Cape Biologix Technologies (Pty) Ltd.

Address: Unit 3, The Powder Mill, 5 Sunrise Circle,
Ndabeni, Cape Town, South Africa, 7405

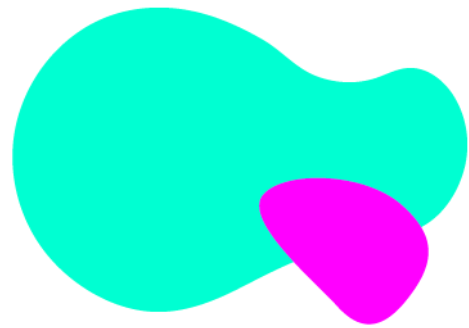
Directors: Belinda Shaw.

Company Registration: 2020/185821/07

VAT number: 4170291449

Contact: sales@capebiologix.com +27 (0)21 286 2835

www.capebiologix.com



IMAGES

PtX™ Mouse Anti-GST ELISA Dose Response

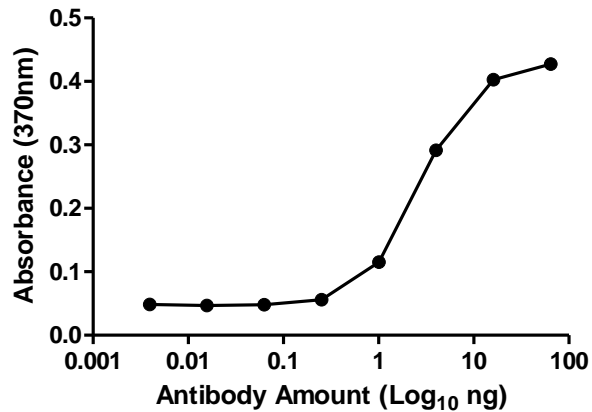


Figure 1. ELISA Dose Response curve using PtX™ Mouse Anti-GST to detect coated GST Antigen at 0.05 ng/μl and increasing concentrations of antibody. Experiments were performed in triplicate, with error bars representing standard deviation (SD).

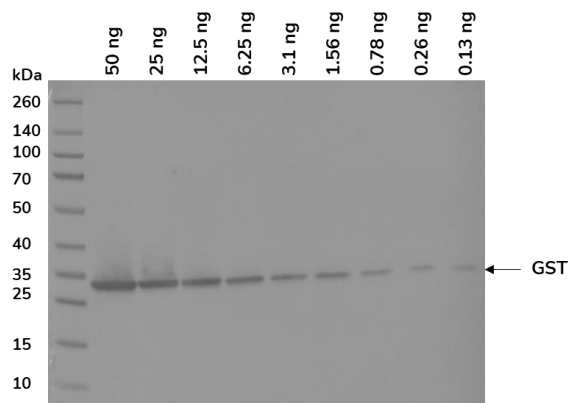


Figure 2. Western blot of decreasing amounts of GST antigen (28 kDa) detected with PtX™ Mouse Anti-GST Recombinant Antibody at 1: 5 000 and an HRP conjugated anti-mouse secondary antibody.

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