

Datasheet

OVERVIEW AND PROPERTIES

Product Name	PtX™ Rabbit Anti-c-Myc (9E10) Recombinant Antibody
Catalogue Number	CBT_A0007
Expression Host	<i>Nicotiana benthamiana</i> plants
Clonality	Monoclonal, recombinant
Species and Isotype	Rabbit IgG1
Tag	None
Reporter Protein	None
Description	Recombinant rabbit monoclonal antibody against c-Myc proto-oncogene, produced via <i>Agrobacterium tumefaciens</i> infiltration of <i>Nicotiana benthamiana</i> plants.
Verified Applications	Western blot (1: 1 000 – 1: 10 000) ELISA (1: 1 000 – 1: 20 000)
Concentration	1.0 mg/ml
Form	Liquid
Colour	Clear
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. 97.24 % as determined by mass spectrometry
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

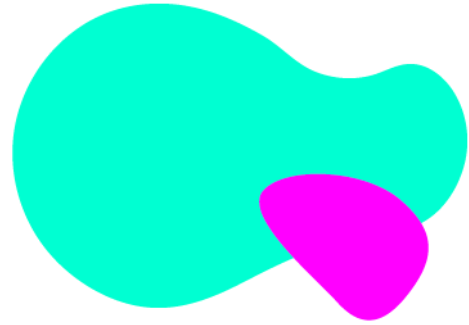
Directors: Belinda Shaw

Company Registration: 2020/185821/07

VAT number: 4170291449

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

www.capebiologix.com



IMAGES

PtX™ Rabbit Anti-c-Myc (9E10) ELISA Dose Response

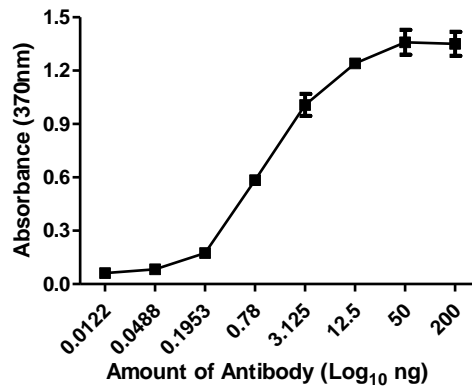


Figure 1. ELISA Dose Response curve showing increasing absorbance at 370 nm with increasing amounts of PtX™ Rabbit Anti-c-Myc (9E10) antibody added to a 96 well plate coated with 0.1 ng/ μl c-Myc tagged Antigen.

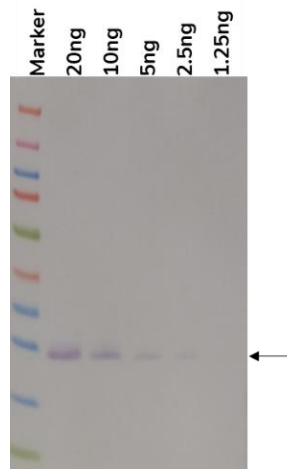


Figure 2. Western blot analysis of PtX™ Rabbit Anti-c-Myc (9E10). Lanes 2 – 6: Varying amounts of c-Myc tagged Serglycin protein were run on the SDS-PAGE. Separated bands were transferred to the membrane and PtX™ Rabbit Anti-c-Myc (9E10) (1: 2 000) was used to detect the antigen. The single bands of c-Myc tagged protein were visualized in each lane following the addition of anti-rabbit secondary antibody with HRP and substrate. Our antibody was able to detect antigen amounts upwards of 2.5 ng (Lane 5).

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