

Antibody Datasheet

OVERVIEW AND PROPERTIES

Product Name	PtX™ Rabbit Anti-c-Myc (9E10) (eGFP) Recombinant Antibody
Catalogue Number	CBT_A0059
Expression Host	<i>Nicotiana benthamiana</i> plants
Clonality	Monoclonal, recombinant
Species and Isotype	Rabbit IgG1
Tag	Enhanced green fluorescent protein (eGFP)
Reporter Protein	N/A
Description	This product is a full-length Rabbit IgG1 recombinant antibody specific to c-Myc. It was produced in <i>Nicotiana benthamiana</i> plants via <i>Agrobacterium tumefaciens</i> -mediated infiltration.
Target Name	c-Myc
Verified Applications	Western blot, ELISA, fluorescent western blot
Dilution Range	Western blot (1: 1 000 - 1: 5 000) ELISA (1: 1 000 – 1: 512 000) Fluorescent western blot (1: 1 000 - 1: 2 000)
Tested Species Reactivity	Human
Concentration	1.0 mg/ml
Form	Liquid
Colour	Clear with lime green 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 Tris, 0.09 M Glycine, pH 8
Purification Notes	This product was purified using Protein A- affinity chromatography.
Purity	≥ 95 % 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 techsupport@capebiologix.com . For Research Use only, unless otherwise indicated.

IMAGES

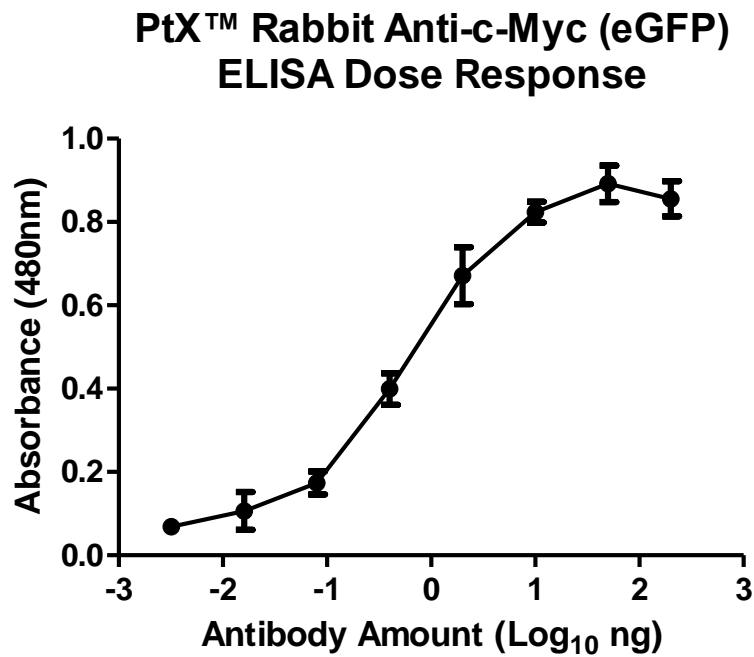


Figure 1. ELISA Dose Response curve: PtX™ Rabbit Anti-c-Myc (eGFP) Antibody from 0.000032– 2.0 ng/uL to detect 10 ng Human Serglycin/SRGN Protein (His & Myc Tag) antigen. Experiments were performed in triplicate, with error bars representing standard deviation (SD).

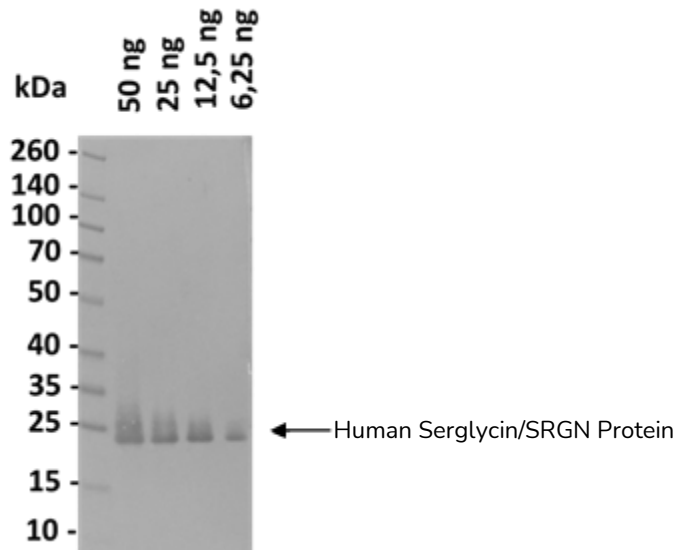


Figure 2. Western blot: decreasing amounts of Human Serglycin/SRGN Protein (c-Myc Tagged) (20 kDa) detected with PtX™ Rabbit Anti-c-Myc (eGFP) at 1: 1 000 and an HRP conjugated anti-Rabbit secondary antibody at 1: 10 000.