



## Clone GMA-093

### Murine Anti-Protein C

GMA-093 binds protein C, specifically the heavy chain, in western blots and ELISA.

#### Description

<b>Species Reactivity:</b>	Human
<b>Source:</b>	Murine
<b>Hybridoma:</b>	NS-1 x murine spleen cells ( <i>Balb/c</i> )
<b>Specificity:</b>	Protein C heavy chain
<b>Immunogen:</b>	Human Protein C
<b>Isotype:</b>	IgG <sub>1</sub>

#### Application

<b>Concentration:</b>	Approximately 1-5 µg/ml. Researchers should titer antibody in specific assay.
<b>ELISA:</b>	Binds human protein C.
<b>Immunoblotting:</b>	Binds human protein C at an approximate molecular weight of 62 kD, under non-reduced conditions and human protein C heavy chain at an approximate molecular weight of 41 kD, under reduced conditions.
<b>Affinity constant (apparent K<sub>D</sub>):</b>	
<b>Inhibition:</b>	

#### Formulation and Storage

<b>Purity:</b>	Confirmed >98% pure by SDS-PAGE
<b>Product Formulation:</b>	Lyophilized from a 1 mg/ml solution with 10 mM NaH <sub>2</sub> PO <sub>4</sub> 0.15 M NaCl, 1.0% (w/v) mannitol, pH 7.4. Concentration determined by absorbance measurement at 280 nm and using an extinction coefficient of 1.4 (E <sub>0.1%</sub> ).
<b>Reconstitution:</b>	Reconstitute with deionized water.
<b>Storage:</b>	Aliquot and store at -20° C for prolonged periods. Avoid freeze-thaw cycles. Alternatively, bring to 0.01% (w/v) sodium azide and store at 4° C.
<b>Country of origin:</b>	USA
<b>Size Options:</b>	0.1 mg or 0.5 mg
<b>Lot:</b>	Varies by shipment

#### Antibody References