

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse Serpin A5/Protein C Inhibitor in direct ELISAs and Western blots. In direct ELISAs and Western blots, no cross-reactivity with recombinant human (rh) Serpin A1, A3, A4, A5, C1, F2, I1, I2, recombinant mouse Serpin C1, D1, F2, or rhPEDF is observed.
Source	Monoclonal Rat IgG _{2A} Clone # 258712
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse Serpin A5/Protein C Inhibitor Ser25-Pro405 Accession # P70458
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied as a 0.2 µm filtered solution in PBS.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the [Technical Information](#) section on our website.

	Recommended Concentration	Sample
Western Blot	1 µg/mL	Recombinant Mouse Serpin A5/Protein C Inhibitor

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none"> ● 12 months from date of receipt, -20 to -70 °C as supplied. ● 1 month, 2 to 8 °C under sterile conditions after reconstitution. ● 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

Serpin A5, also known as protein C inhibitor (PCI) and plasminogen activator inhibitor-3 (PAI-3), inhibits a variety of serine proteases. It is synthesized in the liver and secreted in plasma.