

bs-5793R-A488

- **Rabbit Anti-Protein C inhibitor/SerpinA5 Polyclonal Antibody, Alexa Fluor 488 conjugated**

Conjugated Primary Antibodies

Background:

Protein C Inhibitor (PCI), a member of the serine protease inhibitor (serpin) superfamily, is abundant in plasma and other body fluids. Protein C Inhibitor inhibits a number of "arginine specific" serine proteases of the coagulation and fibrinolytic systems (including thrombin, trypsin, and activated Protein C), as well as plasma and tissue kallikreins and the sperm protease acrosin. This inhibition is regulated by glycosaminoglycans, such as heparin and heparan sulphate, and several polyanions. As well as its roles in the regulation of hemostasis and fertilisation, Protein C Inhibitor is involved in cell inflammation, proliferation, apoptosis, tumour cell migration, invasion, and metastasis. Recent studies have demonstrated an association between Protein C Inhibitor and multiple sclerosis lesions.

Purification: Was purified by Protein A and peptide affinity chromatography.

Storage:

Prepared as lyophilized powder or liquid and shipped on ice. Store at -20°C for one year. Protect from light.

Reconstitution:

If the antibody is in liquid form, it is ready to use, no reconstitution needed.

Reconstitution is only required for the lyophilized antibody. Reconstitution instruction: Two additional vials are included in shipment for reconstitution purposes (double distilled H₂O and sterile glycerol). Centrifuge all vials to ensure necessary quantities have settled. Add 50uL of sterile double distilled water to antibody. Mix thoroughly by gently pipetting up and down. Then, add 50uL of sterile glycerol to antibody. Mix well and keep cold.

Size: 100ul or 100ug lyophilized

Concentration: 1ug/uL

Preservatives:

10ug/uL BSA and 0.1% NaN₃.

Application:

- IF(1:100-500)
- Not yet tested in other applications.
Optimal working dilutions must be determined by the end user.

Cross-reactivities: Human, Mouse, Rat,

Molecular Weight: 46kDa

Isotype: IgG

For research use only. CAUTION: Not for human or animal therapeutic or diagnostic use.

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