

Mouse Anti-Guinea Pig C Reactive Protein (CRP) Monoclonal Antibody

Cat. No.: VD2N244

Product Type: Animal-targeted Antibodies

Size: 100 µL; 200 µL; 1 mL

Product Overview

BioVenic mouse monoclonal antibody is specific for guinea pig C reactive protein. It is affinity purified by protein A and protein G . It can be applied to WB, IHC, ICC and IP assays of guinea pig C reactive protein.

Specifications

Application	WB; IHC; ICC; IP
Clonality	Monoclonal
Classification	Primary Antibody
Clone	A22N15
Host	Mouse
Target Species	Guinea Pig
Species Reactivity	Guinea Pig
Specificity	Guinea Pig C Reactive Protein
Isotype	IgG2
Immunogen	Recombinant protein of guinea pig C reactive protein
Purification	Purified by Protein A and Protein G
Concentration	1 mg/mL
Conjugation	Unconjugated
Preservative and Stabilizer	0.02% Sodium Azide
Buffer	Phosphate Buffered Saline, pH 7.4, with 50% Glycerol
Physical State	Liquid

Target Information

Guinea pig C-reactive protein (CRP) is a ring-shaped pentameric protein present in blood plasma. It is an acute-phase protein produced by the liver, with levels that increase in response to inflammation or infection. CRP plays a role in host defense by promoting

agglutination, phagocytosis, and complement fixation through its calcium-dependent binding to phosphorylcholine. This protein also helps reduce tissue damage by inhibiting superoxide generation and calcium mobilization in alveolar macrophages.

Target	Guinea Pig C Reactive Protein
Target Synonym	C-RP; PTX1; Pentraxin-Related; Pentraxin 1
Gene ID	100727100
UniProt ID	P49254

Shipping and Storage

This product is shipped with wet ice packs. Store at -20°C on receipt (up to 2 years). Avoid repeated freezing and thawing as this may denature the antibody.

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.