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Datasheet for ABIN7179482

anti-SRI antibody (AA 32-116) (HRP)

Overview

Quantity:	100 µg
Target:	SRI
Binding Specificity:	AA 32-116
Reactivity:	Staphylococcus aureus
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SRI antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Staphylococcus aureus Staphylococcal complement inhibitor protein (32-116AA)
Isotype:	IgG
Cross-Reactivity:	Staphylococcus aureus
Purification:	>95%, Protein G purified

Target Details

Target:	SRI
Alternative Name:	scn (SRI Products)
Background:	Background: Involved in countering the first line of host defense mechanisms. Efficiently inhibits opsonization, phagocytosis and killing of S.aureus by human neutrophils. Acts by

Target Details

binding and stabilizing human C3 convertases (C4b2a and C3bBb), leading to their inactivation. The convertases are no longer able to cleave complement C3, therefore preventing further C3b deposition on the bacterial surface and phagocytosis of the bacterium. Also prevents C5a-induced neutrophil responses.

Aliases: scn antibody, SA1754 antibody, Staphylococcal complement inhibitor antibody, SCIN antibody

UniProt: [Q99SU9](#)

Pathways: [Transition Metal Ion Homeostasis](#), [Maintenance of Protein Location](#), [Negative Regulation of Transporter Activity](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.