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Datasheet for ABIN6989977

anti-SARS-CoV-2 Nucleocapsid antibody

Overview

Quantity:	0.1 mg
Target:	SARS-CoV-2 Nucleocapsid (SARS-CoV-2 N)
Reactivity:	SARS Coronavirus-2 (SARS-CoV-2)
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This SARS-CoV-2 Nucleocapsid antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Immunogen:	SARS-CoV-2 nucleoprotein (NP) specific peptide
Clone:	85C1
Isotype:	IgG1 kappa
Purification:	SARS-CoV-2 (COVID-19) Nucleoprotein Antibody [85C1] is affinity chromatography purified via peptide column.

Target Details

Target:	SARS-CoV-2 Nucleocapsid (SARS-CoV-2 N)
Alternative Name:	SARS-CoV-2 Nucleoprotein (SARS-CoV-2 N Products)
Target Type:	Viral Protein
Background:	We have leveraged our next-generation rabbit mAb discovery platform to develop recombinant

Target Details

rabbit monoclonal antibodies with extremely high sensitivity and specificity to SARS-CoV-2. These antibodies, which include clones 75G5a, 84C4a, 84D7, and 85C1 can be paired in sandwich detection assay and used to detect nucleoprotein (NP) antigen from SARS-CoV-2. Antibodies 75G5a, 84C4a, and 84D7 do not cross-react to the highly related SARS-CoV virus or to any other coronaviruses tested. Sandwich ELISA detection using TMB/acid developer reliably detects NP antigen in the pg/mL range, and sensitivity is expected to be even higher when using more sensitive developer strategies. This panel of antibodies can be used as raw materials for diagnostic kits and can be applied to lateral flow systems for diagnostic detection of COVID-19.

Gene ID: 43740575

Application Details

Application Notes: ELISA

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: 1X PBS, 0.02 % Sodium azide

Preservative: Sodium azide

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

Storage: -20 °C, 4 °C

Storage Comment: SARS-CoV-2 (COVID-19) Nucleoprotein Antibody [85C1] can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.