

Datasheet for ABIN7580949

SARS-CoV-2 Protein (RBD) (His tag)



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1 Publication

Overview

Quantity:	100 µg
Target:	SARS-CoV-2
Protein Characteristics:	RBD
Origin:	SARS Coronavirus-2 (SARS-CoV-2)
Source:	Mammalian Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SARS-CoV-2 protein is labelled with His tag.
Application:	ELISA, SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Recombinant SARS-CoV-2 RBD, C-His
Sequence:	Arg319-Phe541

Target Details

Target:	SARS-CoV-2
Alternative Name:	SARS-CoV-2 (SARS-CoV-2 Products)
Background:	Spike glycoprotein, S glycoprotein, E2, Peplomer protein, Spike protein S1, S, Receptor-Binding Domain, RBD, WT
Molecular Weight:	28.03 kDa
UniProt:	P0DTC2

Application Details

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

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute in sterile water for a stock solution.

Buffer: Lyophilized from a solution in PBS pH 7.4, 1 mM EDTA, 4 % Trehalose, 1 % Mannitol.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Use a manual defrost freezer and avoid repeated freeze thaw cycles.Store at 2 to 8 °C for one week .Store at -20 to -80 °C for twelve months from the date of receipt.

Publications

Product cited in: Yang, Liu, Jiang, Zhang, Fu, Li, Hu, Yuan: "Antibodies against SARS-CoV-2 non-structural protein 3 cross-react with human muscle cells and neuroglial cells." in: **Vaccine**, Vol. 42, Issue 6, pp. 1259-1267, (2024) ([PubMed](#)).