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Datasheet for ABIN914365

## anti-SARS-CoV Spike antibody (AA 401-500) (Alexa Fluor 488)

1 Image

1 Publication

### Overview

Quantity:	100 µL
Target:	SARS-CoV Spike (SARS-CoV S)
Binding Specificity:	AA 401-500
Reactivity:	SARS Coronavirus (SARS-CoV), Virus
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SARS-CoV Spike antibody is conjugated to Alexa Fluor 488
Application:	Western Blotting (WB)

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from SARS S-protein
Isotype:	IgG
Cross-Reactivity:	Virus
Cross-Reactivity (Details):	SARS coronavirus
Characteristics:	Antibody is specific for: SARS coronavirus
Purification:	Purified by Protein A.

### Target Details

Target:	SARS-CoV Spike (SARS-CoV S)
Alternative Name:	SARS S-protein ( <a href="#">SARS-CoV S Products</a> )

## Target Details

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Target Type:	Viral Protein
Background:	<p>Synonyms: Spike glycoprotein, S glycoprotein, E2, Peplomer protein</p> <p>Background: Severe acute respiratory syndrome (SARS) is a viral respiratory illness caused by a coronavirus, called SARS-associated coronavirus (SARS-CoV). Human coronaviruses (HCoVs) were previously only associated with mild diseases. The SARS-CoV genome contains five major open reading frames (ORFs) that encode the replicase polyprotein, the spike (S), envelope (E), and membrane (M) glycoproteins, and the nucleocapsid protein (N).</p>
Gene ID:	1489668
UniProt:	<a href="#">P59594</a>

## Application Details

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Application Notes:	<p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p>
Restrictions:	For Research Use only

## Handling

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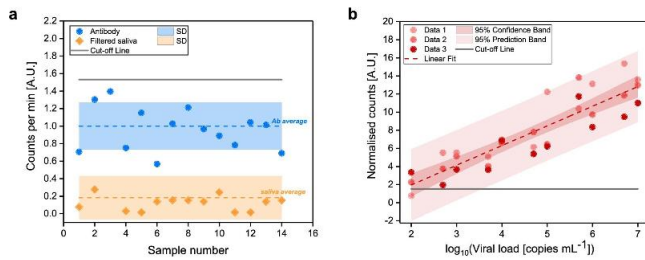
Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months

## Publications

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Product cited in:	Hussain, Ongaro, Rodriguez de la Concepción, Wajs, Riveira-Muñoz, Ballana, Blanco, Toledo, Chamorro, Massanella, Mateu, Grau, Clotet, Carrillo, Pruneri: "Small form factor flow virometer
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## Images



**Image 1.** Determination of FVR cut-off value and standard curve for SARS-CoV-2 detection (a) Counted events per minute of the Alexa 488-anti-SARS-CoV spike antibody (blue) and of filtered saliva samples (orange). Mean values (dotted lines) and standard deviations (shaded area) are indicated. Cut-off, according to the antibody signal (blue), was calculated as mean plus two times its standard deviation and indicated as solid line. (b) Standard curve of the SARS-CoV-2 viral particles concentration vs. normalised counts;  $R^2 = 0.94$ .