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## Product Datasheet

### **Anti-S protein of Novel Coronavirus SARS-CoV-2/ 2019-nCoV (human), Monoclonal AGR-AS20-4386**

Article Name	Anti-S protein of Novel Coronavirus SARS-CoV-2/ 2019-nCoV (human), Monoclonal
Biozol Catalog Number	AGR-AS20-4386
Supplier Catalog Number	AS20-4386
Alternative Catalog Number	AGR-AS20-4386
Manufacturer	Agrisera
Host	Mouse
Category	Antikörper
Application	ELISA
Species Reactivity	Human
Immunogen	Recombinant Human Novel Coronavirus Spike glycoprotein (S) (16-685aa), UniProt: P0DTC2 Antigen sequence has highest homology to Spike protein S1.
Product Description	SARS-CoV-2/ 2019-nCoV S protein of Novel Coronavirus (human) its role is to attache the virion to the cell membrane by interacting with host receptor (ACE2) and initiating the infection. Alternative names: S, S1, S1-RBD, Spike glycoprotein....
Clonality	Monoclonal
Molecular Weight	141 kDa
Isotype	Mouse scFv fusion with human IgG1 Fc

NCBI	<a href="#">43740568</a>
UniProt	<a href="#">P0DTC2</a>
Purity	Immunoglobulin purified on Protein A in 10 mM PBS, pH 7.4, 50 % glycerol, 0.03% Proclin 300.
Form	Liquid
Antibody Type	Monoclonal Antibody
Application Dilute	1: 500 - 1: 40 000 (Colloidal Gold Immunochromatography), 1: 10 000 - 1: 50 000 (ELISA)
Application Notes	Recombinant anti-SARS-CoV-2 spike Mouse ScFv is expressed in 293 cells (HEK293) with a human IgG1 Fc tag on C-terminal. Therefore, anti-human IgG1 Fc gamma (gamma chain), secondary antibody has to be used: AS20 4390