

SARS-CoV-2 Spike Protein (RBD) Chimeric Recombinant Rabbit Monoclonal Antibody (P05DHuRb), Alexa Fluor™ 647, eBioscience™

Product Details	
Size	100 µg
Species Reactivity	Virus
Host/Isotype	Rabbit / IgG, kappa
Expression system	Expi293
Class	Recombinant Monoclonal
Type	Antibody
Clone	P05DHuRb
Conjugate	Alexa Fluor™ 647
Excitation/Emission Max	650/671 nm
Immunogen	This antibody was developed using computationally derived variants of SARS-CoV antibody structures and is shown to bind Spike Protein S1 subunit (RBD) of SARS CoV2
Form	Liquid
Concentration	0.2 mg/mL
Purification	Protein A
Storage buffer	proprietary buffer/PBS, pH 7.2
Contains	0.09% sodium azide
Storage conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_2884045

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	0.25 µg/test	-

Product Specific Information

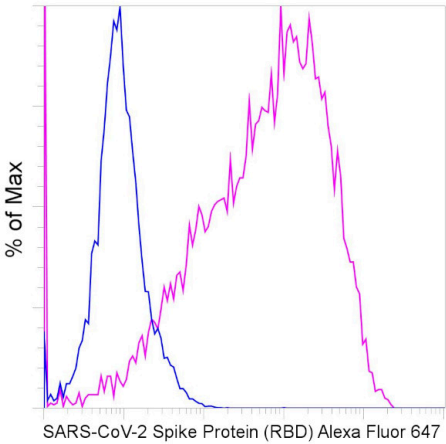
Description: This antibody has a human Fab with a kappa light chain and Rabbit Fc. It recognizes the RBD domain of SARS CoV2 Spike protein.

Applications Tested: This P05DHuRb Alexa Fluor™ 647 conjugate has been tested by flow cytometric analysis of HEK 293 cells transfected with a vector encoding full length spike protein from SARS CoV2. This may be used at less than or equal to 0.25 µg per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10⁵ to 10⁸ cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

Excitation: 633-647 nm; Emission: 668 nm; Laser: Red Laser

Filtration: 0.2 µm post-manufacturing filtered.

Product Images For SARS-CoV-2 Spike Protein (RBD) Chimeric Recombinant Rabbit Monoclonal Antibody (P05DHuRb), Alexa Fluor™ 647, eBioscience™



SARS-CoV-2 Spike Protein (RBD) Chimeric Antibody (51-6491-82) in Flow
HEK 293 cells were transfected with a vector encoding full length spike protein from SARS CoV2 (pink histogram) or left untransfected (blue histogram) and then stained with 0.125 µg of Anti-SARS CoV2 Spike Protein RBD Recombinant Rabbit Chimera Monoclonal Antibody, Alexa Fluor 647 (Product # 51-6491-82). Viable cells were used for analysis as determined by Fixable Viability Dye eFluor 520 (Product # 65-0867-18).

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