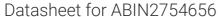
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anti-hCoV-OC43 Spike antibody (AA 15-344) (FITC)



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Background:

Quantity:	100 μg	
Target:	hCoV-OC43 Spike (HCoV-OC43 S)	
Binding Specificity:	AA 15-344	
Reactivity:	Human Coronavirus OC43 (HCoV-OC43)	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This hCoV-OC43 Spike antibody is conjugated to FITC	
Application:	ELISA	
Product Details		
Immunogen:	Recombinant Human coronavirus OC43 Spike glycoprotein protein(15-344aa)	
Isotype:	IgG	
Purification:	Caprylic Acid Ammonium Sulfate Precipitation	
Target Details		
Target:	hCoV-0C43 Spike (HCoV-0C43 S)	
Alternative Name:	OC43 Spike Glycoprotein (HCoV-OC43 S Products)	
	OC43 Spike Glycoprotein (HCoV-OC43 S Products)	
Target Type:	Viral Protein	

S1 attaches the virion to the cell membrane by interacting with sialic acid-containing cell

receptors, initiating the infection. S2 is a class I viral fusion protein. Under the current model, the

Target Details

protein has at least 3 conformational states: pre-fusion native state, pre-hairpin intermediate state, and post-fusion hairpin state. During viral and target cell membrane fusion, the coiled coil regions (heptad repeats) assume a trimer-of-hairpins structure, positioning the fusion peptide in close proximity to the C-terminal region of the ectodomain. The formation of this structure appears to drive apposition and subsequent fusion of viral and target cell membranes.

UniProt:

P36334

Application Details

Restrictions:

For Research Use only

Handling

Format:	Liquid	
Buffer:	Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	4 °C/-20 °C/-80 °C	