

**Catalog:** #2541

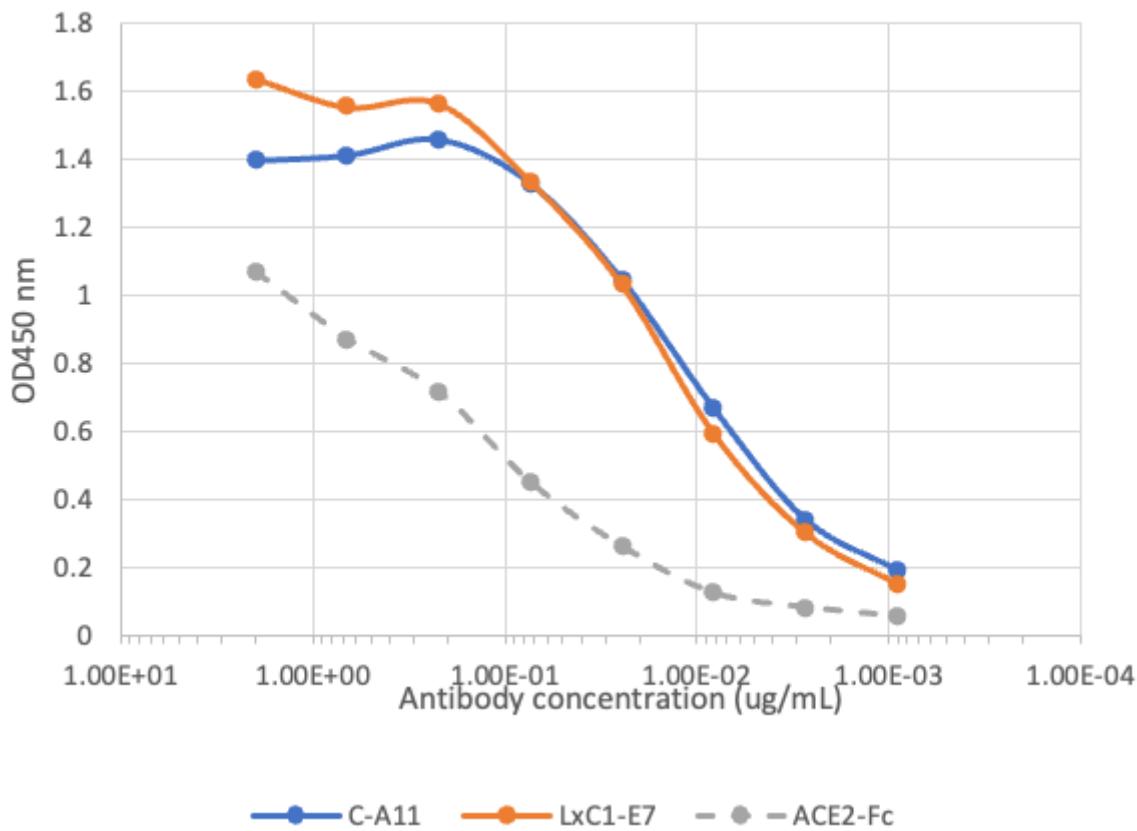
**Store at:** -20°C

*For Research Use Only. Not For Use In Diagnostic Procedures.*

Applications	Detection	Clonality	Isotype
Functional Assay,ELISA	Anti-SARS-CoV-2 NP mAb	Monoclonal	Rabbit IgGk

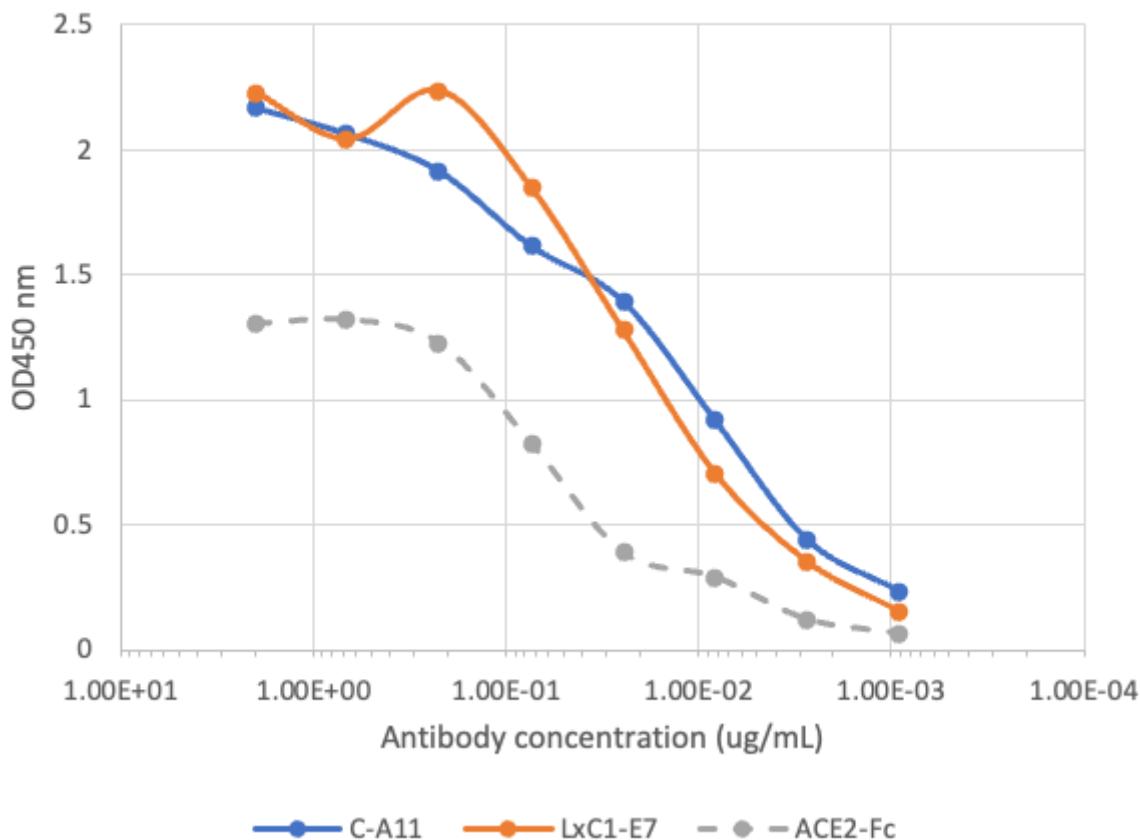
<b>Format:</b>	Unconjugated
<b>Cross Reactivity:</b>	No
<b>Formulation:</b>	1X PBS
<b>Preparation:</b>	Protein A
<b>Reactivity:</b>	Other
<b>Recommended Usage:</b>	Experimental conditions may be optimized.
<b>Immunogen:</b>	A recombinant SARS-CoV-2 spike protein containing RBD.
<b>Description:</b>	
<b>References:</b>	

# WT



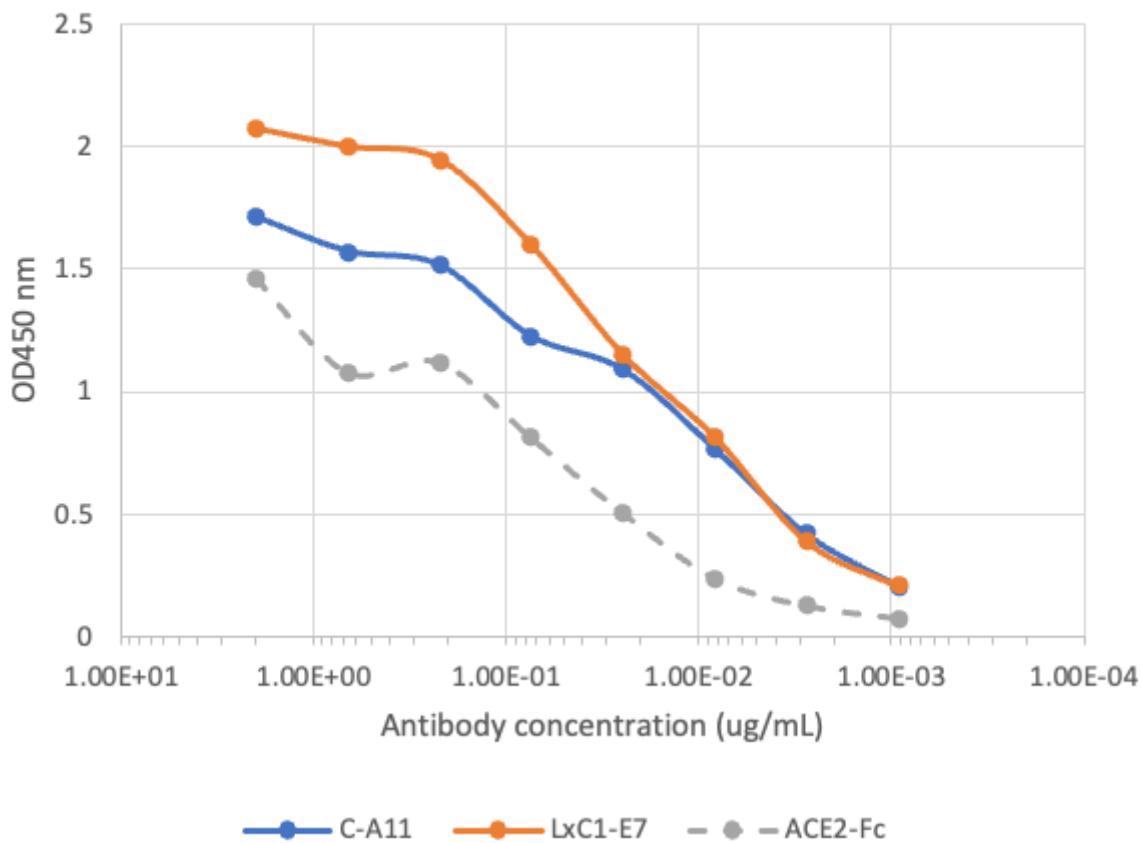
Spike protein trimers were coated at 2  $\mu$ g/mL and incubated with serially diluted antibodies. The bound antibodies were detected with Peroxidase AffiniPure Goat Anti-Human IgG, Fc $\gamma$  fragment specific (Jackson Immuno Research Catalog #109-035-098) or Peroxidase

# Alpha (B1.1.7)



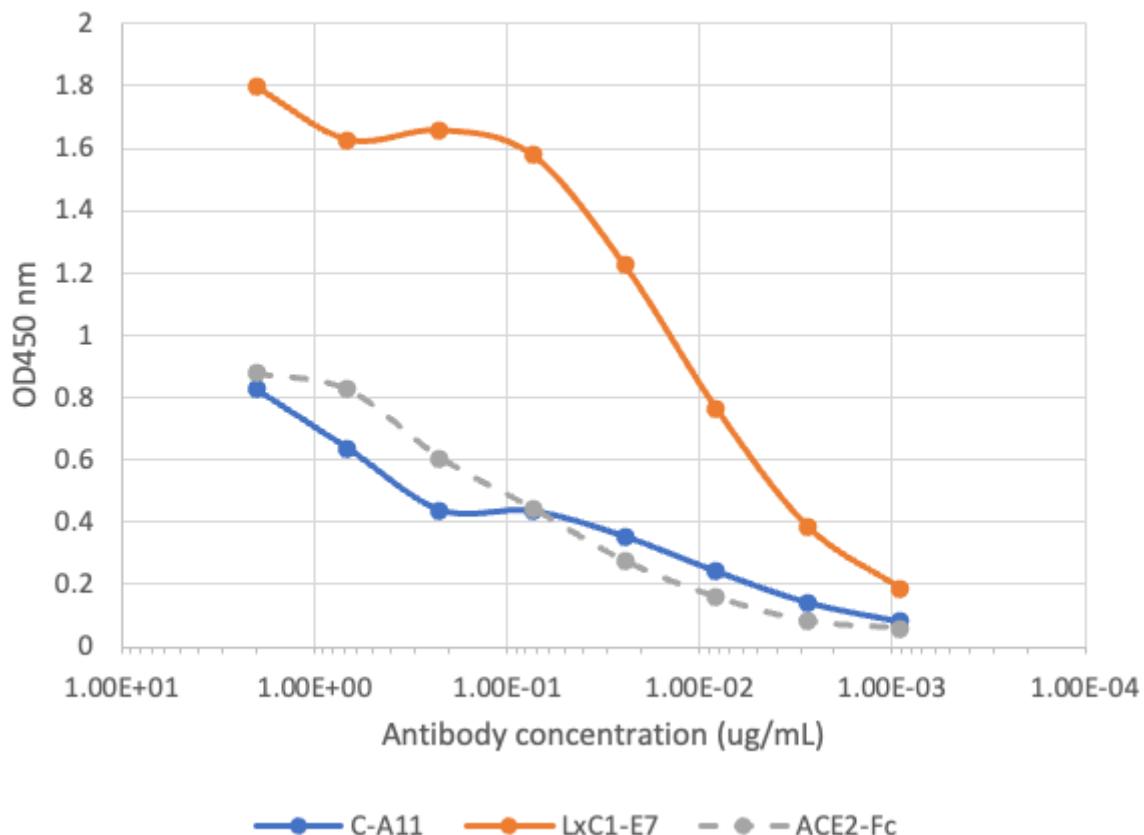
Spike protein trimers were coated at 2  $\mu$ g/mL and incubated with serially diluted antibodies. The bound antibodies were detected with Peroxidase AffiniPure Goat Anti-Human IgG, Fc $\gamma$  fragment specific (Jackson Immuno Research Catalog #109-035-098) or Peroxidase

## Beta (B.1.351)



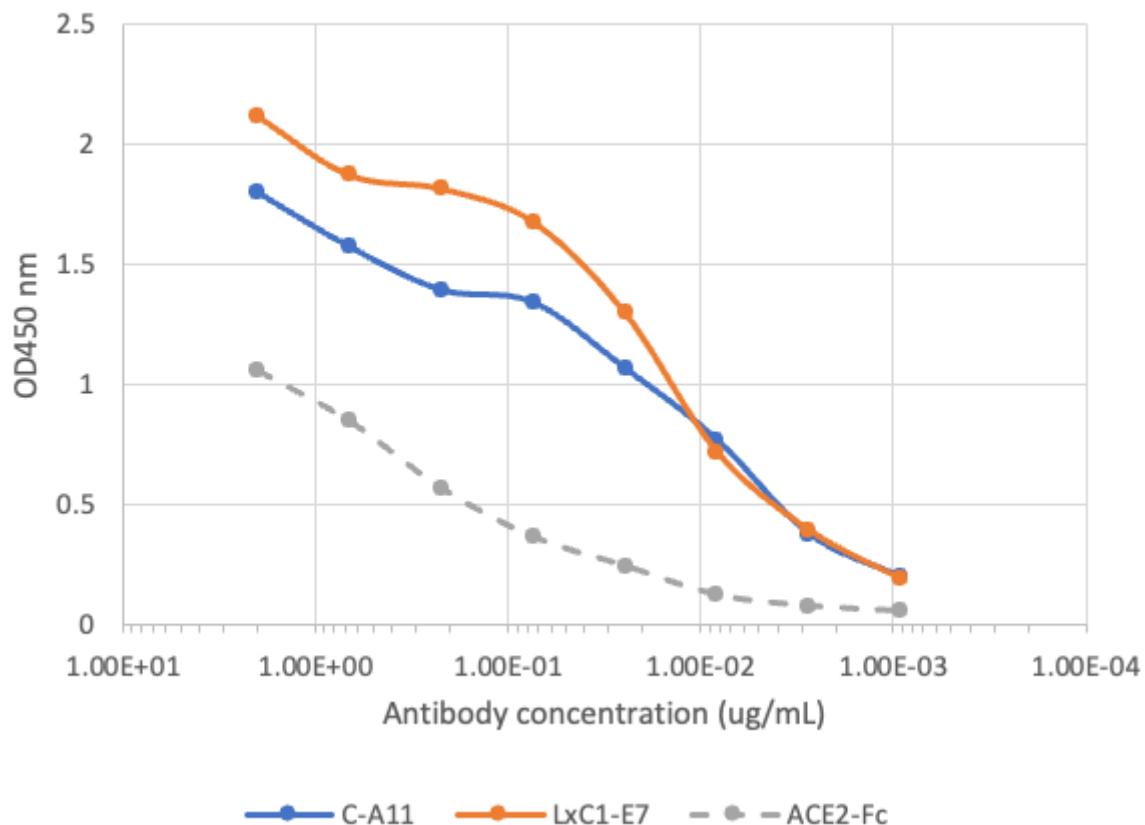
Spike protein trimers were coated at 2  $\mu$ g/mL and incubated with serially diluted antibodies. The bound antibodies were detected with Peroxidase AffiniPure Goat Anti-Human IgG, Fc $\gamma$  fragment specific (Jackson Immuno Research Catalog #109-035-098) or Peroxidase

## Gamma (P.1)



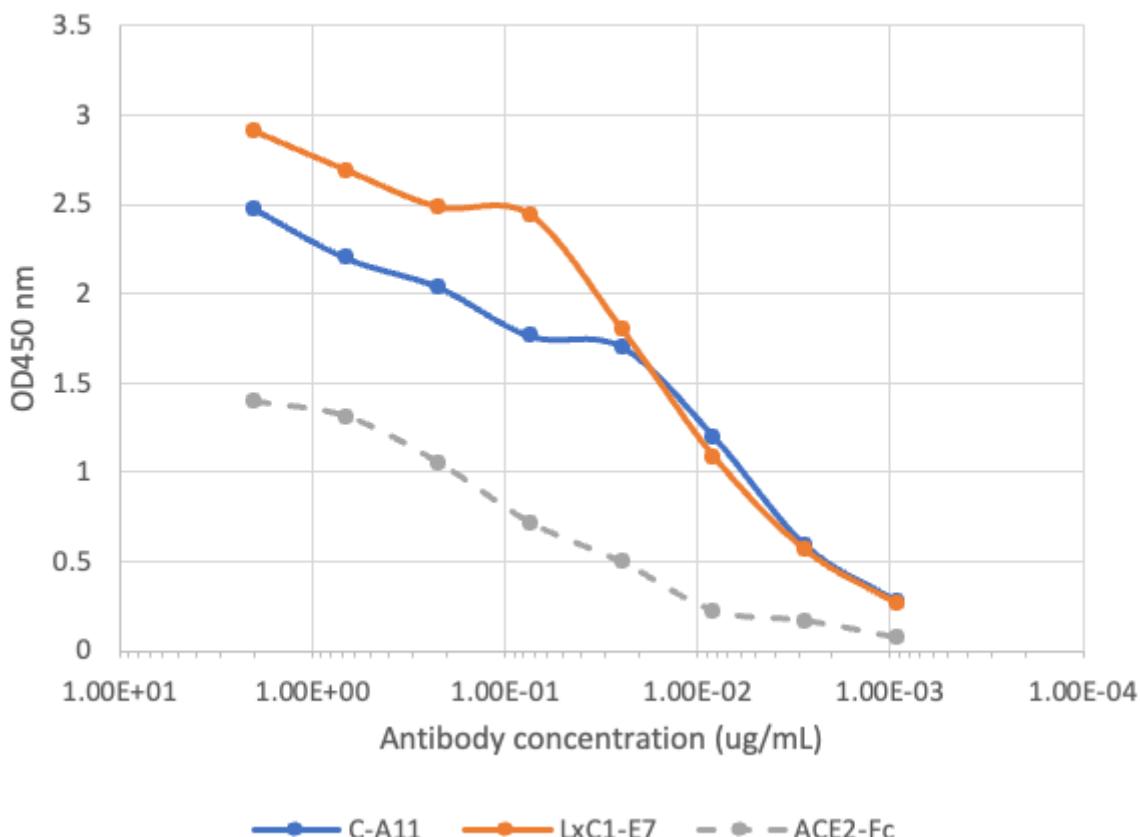
Spike protein trimers were coated at 2  $\mu$ g/mL and incubated with serially diluted antibodies. The bound antibodies were detected with Peroxidase AffiniPure Goat Anti-Human IgG, Fc $\gamma$  fragment specific (Jackson Immuno Research Catalog #109-035-098) or Peroxidase

## Kappa (B.1.617.1)



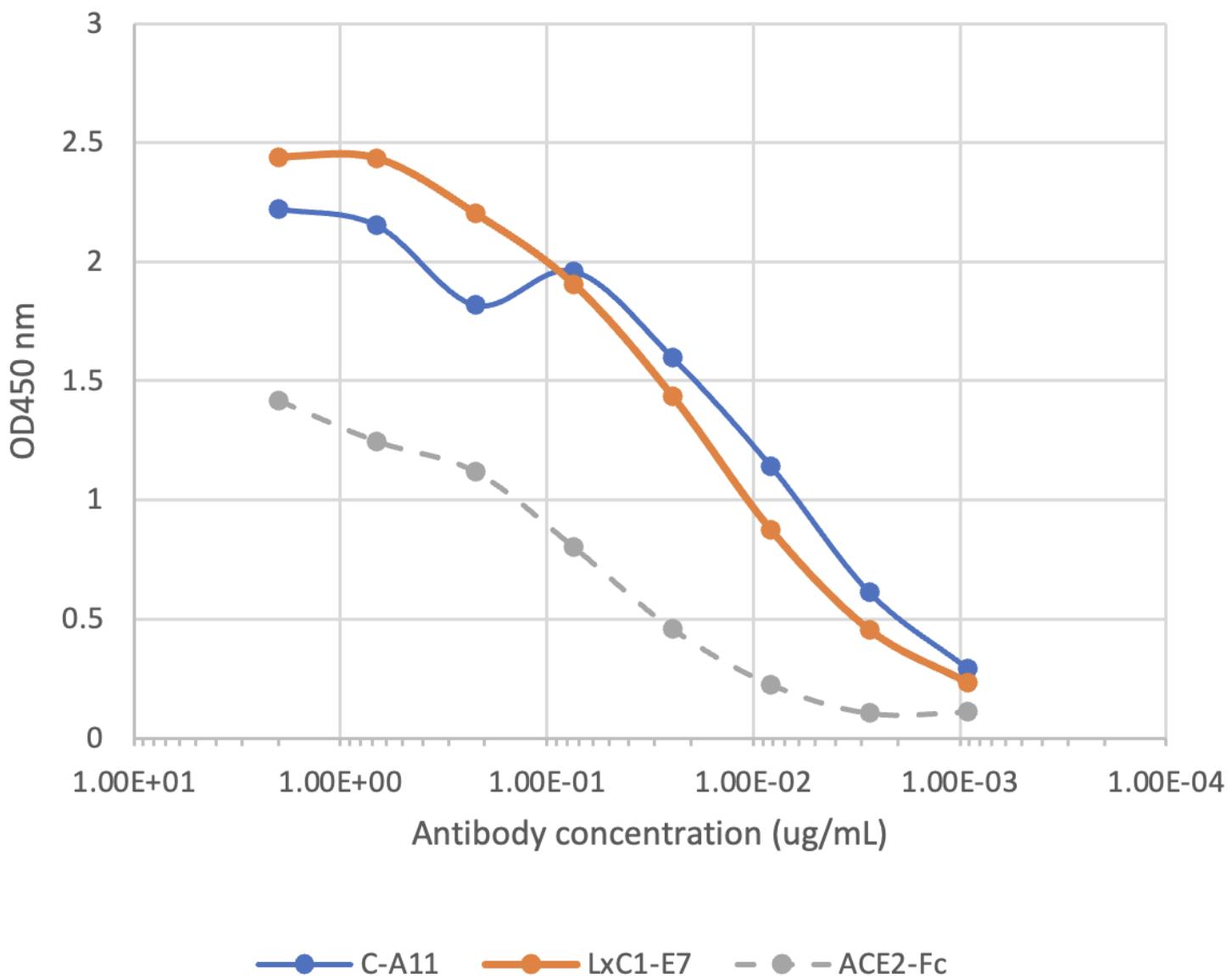
Spike protein trimers were coated at 2  $\mu$ g/mL and incubated with serially diluted antibodies. The bound antibodies were detected with Peroxidase AffiniPure Goat Anti-Human IgG, Fc $\gamma$  fragment specific (Jackson Immuno Research Catalog #109-035-098) or Peroxidase

## Epsilon (B1.429)



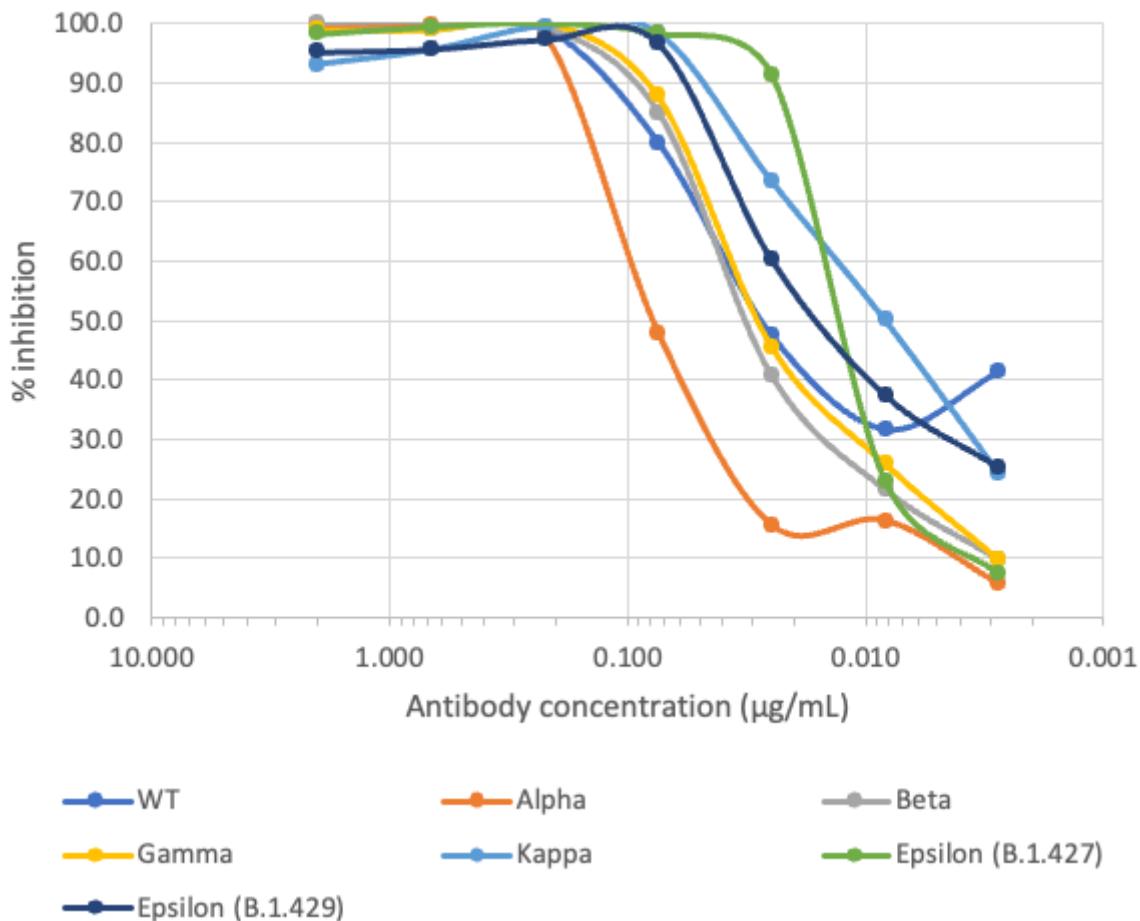
Spike protein trimers were coated at 2  $\mu$ g/mL and incubated with serially diluted antibodies. The bound antibodies were detected with Peroxidase AffiniPure Goat Anti-Human IgG, Fc $\gamma$  fragment specific (Jackson Immuno Research Catalog #109-035-098) or Peroxidase

# Epsilon (B.1.427)



Spike protein trimers were coated at 2  $\mu$ g/mL and incubated with serially diluted antibodies. The bound antibodies were detected with Peroxidase AffiniPure Goat Anti-Human IgG, Fc $\gamma$  fragment specific (Jackson Immuno Research Catalog #109-035-098) or Peroxid

## LxC1-E7



Spike protein trimers were coated at 2 µg/mL and incubated with serially diluted antibodies. ACE2-Avitag protein (Acro Biosystems Catalog#AC2-H82E6) was added to 0.037 µg/mL and the bound ACE2 was detected with High Sensitivity StreptAvidin-HRP (Thermo Fi

### IC50

	Wild type (WT)	Alpha (B.1.1.7)	Beta (B.1.351)	Gamma (P.1)	Kappa (B.1.617.1)	Epsilon (B.1.427)	Epsilon (B.1.429)
LxC1-E7	28.29484	79.91190	35.01264	29.84000	8.12425	14.73980	17.26670

N/A