

ACE2 Antibody (biotin)

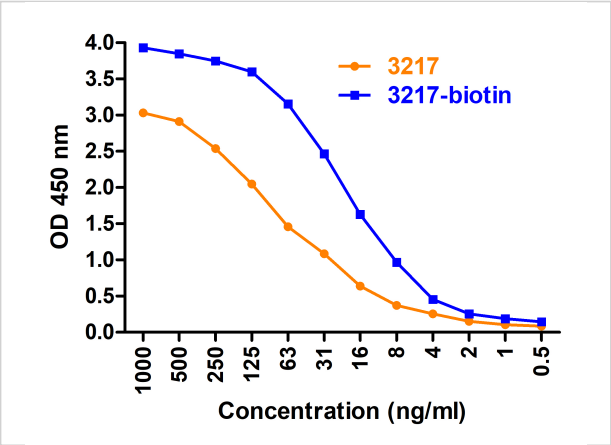
CATALOG NUMBER: 3217-biotin

Specifications

Host Species	Rabbit
Species Reactivity	Human, Mouse, Rat
Homology	Predicted species reactivity based on immunogen sequence: Bovine: (88%)
Immunogen	Anti-ACE2 antibody (biotin) (3217) was raised against a peptide corresponding to 18 amino acids near the carboxy terminus of human ACE2. The immunogen is located within the last 50 amino acids of ACE2.
Conjugate	Biotin
Tested Applications	ELISA, IHC
User Note	Optimal dilutions for each application to be determined by the researcher.
Specificity	Anti-ACE2 has no cross response to ACE1.
Predicted Molecular Weight	Predicted: 93kD Observed: 130 kD (7 N-linked glycosylation)

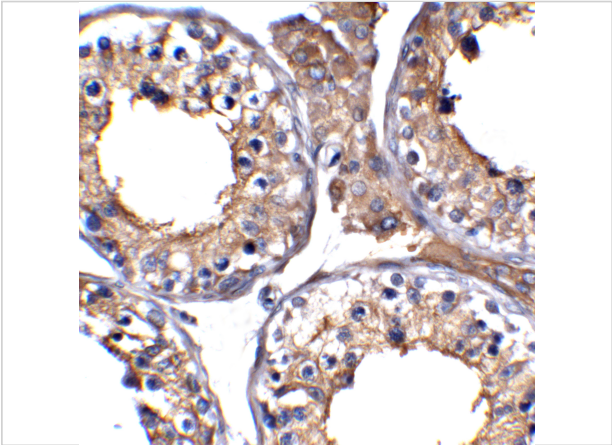
Properties

Purification	ACE2 Antibody is affinity chromatography purified via peptide column.
Clonality	Polyclonal
Isotype	IgG
Physical State	Liquid
Buffer	ACE2 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration	1 mg/mL
Storage Conditions	ACE2 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.



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Figure 1 ELISA Validation
Coating Antigen: immunogen peptide, 3217P, 10 µg/mL, incubate at 4 °C overnight. Detection Antibodies: SARS-CoV-2 Spike antibody, 3217-biotin or 3217, ...



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Figure 2 Immunohistochemistry Validation of ACE-2 in COVID-19 Patient Lung
Immunohistochemical analysis of paraffin-embedded human testis tissue using anti- ACE2 antibody (3217...

Disclaimer

Disclaimer	Optimal dilutions/concentrations should be determined by the end user. The information provided is a guideline for product use. This product is for research use only.
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