

ACE2 antibody [GT19410]

Cat. No. GTX635897

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Applications	WB, ICC/IF, IHC-P, ELISA, Lateral Flow, Sandwich ELISA
Reactivity	Human, Mouse, Monkey

★★★★★ Review (1)

Package
100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	Assay dependent
ICC/IF	Assay dependent
IHC-P	1:100-1:1000
ELISA	Assay dependent
Lateral Flow	Assay dependent
Sandwich ELISA	Assay dependent

Note : Capture : GTX635897 , Detection : GTX628914-01

Not tested in other applications.

Calculated MW 92 kDa. ([Note](#))**Product Note** This antibody may not be suitable for mouse IHC-P assay, as its mouse reactivity is based on WB testing. It was raised against human ACE2 Extracellular domain.

Properties

Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the Extracellular domain of human ACE2. The exact sequence is proprietary.

For full product information, images and publications, please visit our [website](#).

Purification Affinity purified by Protein A

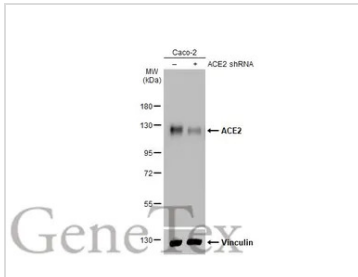
Conjugation Unconjugated

Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

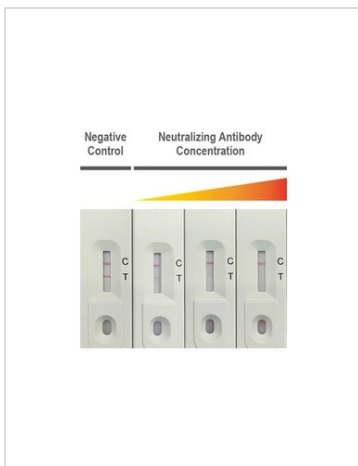
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



GTx635897 WB Image

Non-transfected (–) and transfected (+) Caco-2 whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with ACE2 antibody [GT19410] (GTx635897) diluted at 1:1000. The HRP-conjugated anti-mouse IgG antibody (GTx213111-01) was used to detect the primary antibody.



GTx635897 Lateral Flow Image

SARS-CoV-2 neutralizing antibody interferes with the binding of ACE2 and spike RBD proteins. The signal intensity of the test line (T) decreases due to competition by the neutralizing antibody, while the control line (C) demonstrates a valid test.

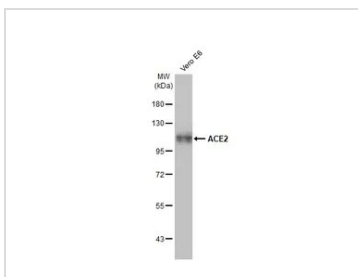
Neutralizing Antibody: Spike RBD antibody [HL1002] (GTx635791)

C Line:

Detector: Colloidal gold-conjugated human ACE2 (ECO) protein (GTx135683-pro) / **Capture:** Anti-human ACE2 antibody (GTx635897)

T Line:

Detector: Colloidal gold-conjugated human ACE2 (ECO) protein (GTx135683-pro) / **Capture:** SARS-CoV-2 Spike RBD protein



GTx635897 WB Image

Whole cell extract (30 µg) was separated by 7.5% SDS-PAGE, and the membrane was blotted with ACE2 antibody [GT19410] (GTx635897) diluted at 1:1000. The HRP-conjugated anti-mouse IgG antibody (GTx213111-01) was used to detect the primary antibody.



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