SARS-CoV-2 (COVID-19) Spike RBD antibody [HL257]

Cat. No. GTX635692

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, ELISA, IHC-P (cell pellet)
Reactivity	SARS Coronavirus 2

References (11)
Package
100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:1000-1:10000
ICC/IF	1:100-1:1000
IHC-P	1:500-1:3000
ELISA	Assay dependent
IHC-P (cell pellet)	Assay dependent
Note : Recommended heat-Induced Epitope Retrieval pH 6.0 for 20 minutes.	

Not tested in other applications.

Product Note	This antibody detects SARS-CoV-2 Spike protein, but does not cross-react with SARS-CoV or MERS-CoV spike proteins based on our internal testing.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservative
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the center region of SARS-CoV-2 Spike (S1) (SARS-CoV-2 (strain Wuhan-Hu-1)). The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

For full product information, images and publications, please visit our website.

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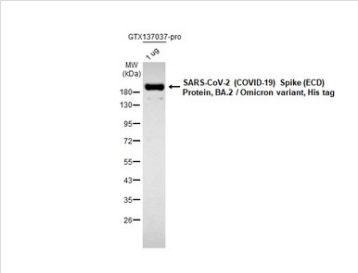
Note

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

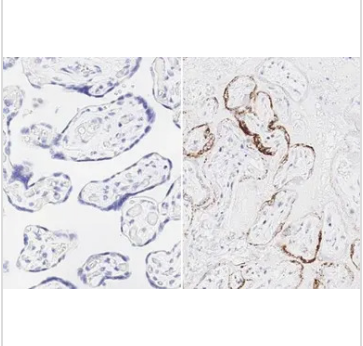
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



GTX635692 WB Image

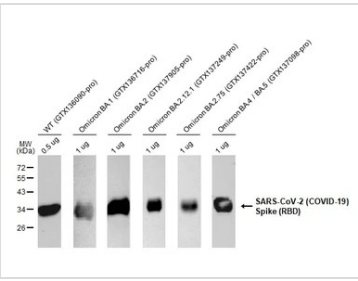
SARS-CoV-2 (COVID-19) Spike (ECD) Protein, BA.2 / Omicron variant, His tag (1 µg, GTX137037-pro) were separated by 12% SDS-PAGE, and the membrane was blotted with SARS-CoV-2 (COVID-19) Spike RBD antibody [HL257] (GTX635692) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX635692 IHC-P Image

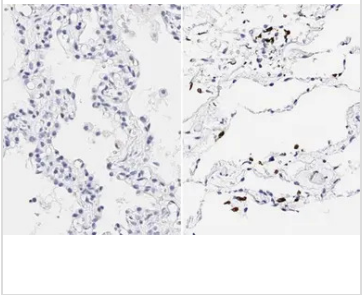
SARS-CoV-2 (COVID-19) Spike RBD antibody [HL257] detects SARS-CoV-2 (COVID-19) Spike RBD protein by immunohistochemical analysis.
Sample: Paraffin-embedded non-infected (left) and infected (right) human placenta.
SARS-CoV-2 (COVID-19) Spike RBD stained by SARS-CoV-2 (COVID-19) Spike RBD antibody [HL257] (GTX635692) diluted at 1:500.
Antigen Retrieval: Citrate buffer, pH 6.0, 20 min

The IHC-P was performed by HISTOWIZ.



GTX635692 WB Image

Various SARS-CoV-2 (COVID-19) Spike RBD proteins were separated by 12% SDS-PAGE, and the membrane was blotted with SARS-CoV-2 (COVID-19) Spike RBD antibody [HL257] (GTX635692) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX635692 IHC-P Image

SARS-CoV-2 (COVID-19) Spike RBD antibody [HL257] detects SARS-CoV-2 (COVID-19) Spike RBD protein by immunohistochemical analysis.
Sample: Paraffin-embedded non-infected (left) and infected (right) human lung.
SARS-CoV-2 (COVID-19) Spike RBD stained by SARS-CoV-2 (COVID-19) Spike RBD antibody [HL257] (GTX635692) diluted at 1:1000.
Antigen Retrieval: Citrate buffer, pH 6.0, 20 min

The IHC-P was performed by HISTOWIZ.

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