

## 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 ( 14 )

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 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	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](#).

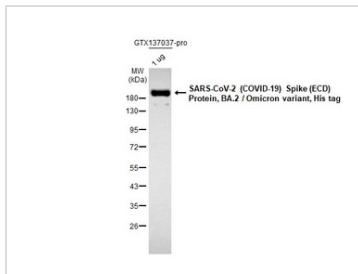
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For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

#### Note

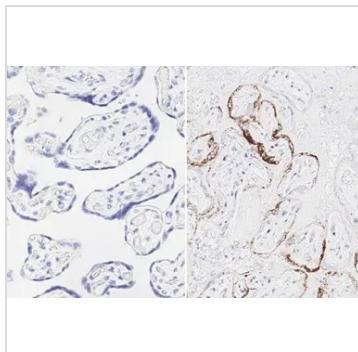
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#### DATA IMAGES



#### 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

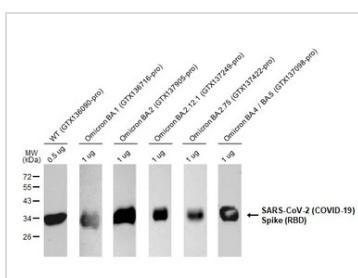
SARS-CoV-2 (COVID-19) Spike RBD antibody [HL257] detects SARS-CoV-2 (COVID-19) Spike RBD protein by immunohistochemical analysis.

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.

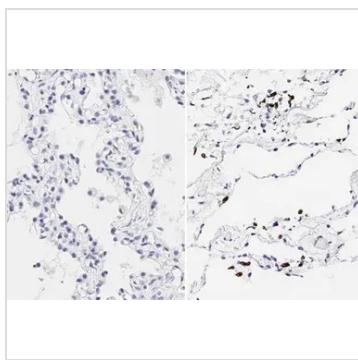
Antigen Retrieval: Citrate buffer, pH 6.0, 20 min

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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