

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

Cat. No. GTX635692

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

References ( 17 )

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

<b>Form</b>	Liquid
<b>Buffer</b>	PBS
<b>Preservative</b>	No preservatives
<b>Storage</b>	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.
<b>Concentration</b>	1 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	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.
<b>Purification</b>	Affinity purified by Protein A.
<b>Conjugation</b>	Unconjugated



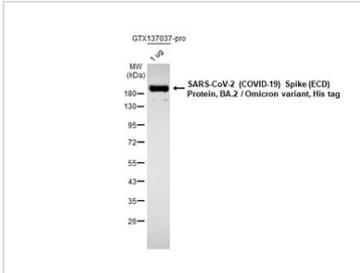
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For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

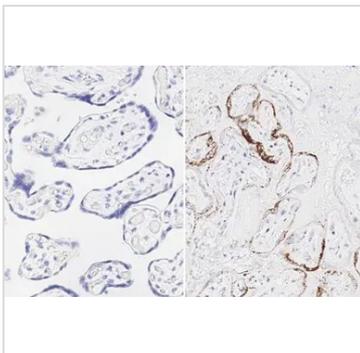
**Note**  
 Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



**GTX635692 WB Image**

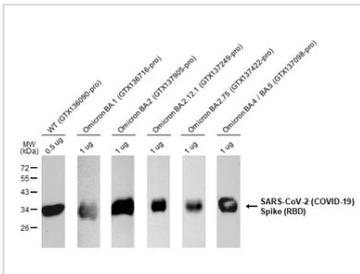
SARS-CoV-2 (COVID-19) Spike (ECD) Protein, BA.2 / Omicron variant, His tag (1 µg, GTX137037-pro) were separated by 12% SDS-PAGE, and the membrane was blotted with SARS-CoV-2 (COVID-19) Spike RBD antibody [HL257] (GTX635692) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01)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



**GTX635692 IHC-P Image**

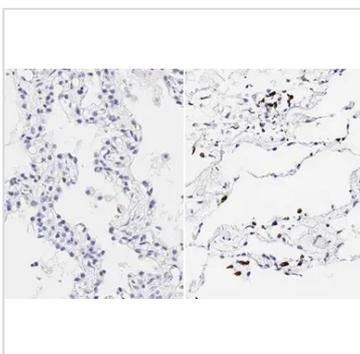
SARS-CoV-2 (COVID-19) Spike RBD antibody [HL257] detects SARS-CoV-2 (COVID-19) Spike RBD protein by immunohistochemical analysis.  
 Sample: Paraffin-embedded non-infected (left) and infected (right) human placenta.  
 SARS-CoV-2 (COVID-19) Spike RBD stained by SARS-CoV-2 (COVID-19) Spike RBD antibody [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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