



# SZABO SCANDIC

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Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## SARS-CoV-2 (COVID-19) Spike RBD antibody [GT5449]

**Cat. No. GTX636042**

<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG2a
<b>Application</b>	WB, ELISA, Sandwich ELISA
<b>Reactivity</b>	SARS Coronavirus 2

**Package**  
100 µl, 25 µl

## APPLICATION

**Application Note**

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

Suggested dilution	Recommended dilution
WB	Assay dependent
ELISA	Assay dependent
Sandwich ELISA	Assay dependent

**Note : Capture : GTX635807, Detection : GTX636042 or Capture : GTX636042, Detection : GTX635807 / GTX635693 / GTX635713 / GTX635654.**

**Please notice that the capture antibody needs to be conjugated to HRP to function as the detection antibody when paired with the detected antibody. Please contact us for custom HRP-conjugated antibody.**

Not tested in other applications.

## PROPERTIES

<b>Form</b>	Liquid
<b>Buffer</b>	PBS
<b>Preservative</b>	No Preservative
<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>	Full length SARS-CoV-2 (COVID-19) Spike RBD recombinant protein.
<b>Purification</b>	Affinity purified by Protein G.
<b>Conjugation</b>	Unconjugated

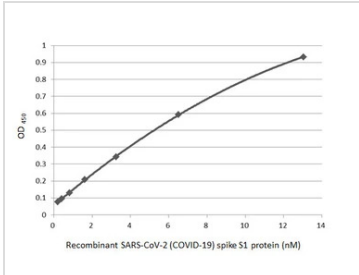


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**Note**  
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES

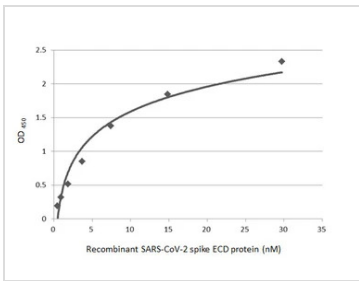


**GTX636042 ELISA Image**

Sandwich ELISA detection of recombinant SARS-CoV-2 (COVID-19) Spike S1 protein, His tag (active) (GTX135817-pro) using antibodies as below.

**Capture:** SARS-CoV-2 (COVID-19) Spike RBD antibody [GT5449] (GTX636042) (5 µg/mL)

**Detection:** SARS-CoV-2 (COVID-19) Spike S1 antibody [HL6] (GTX635654) (1 µg/mL)

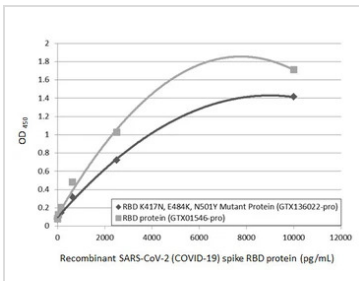


**GTX636042 ELISA Image**

Sandwich ELISA detection of recombinant SARS-CoV-2 (COVID-19) Spike (ECD) protein, His tag (active) (GTX135972-pro) using antibodies as below.

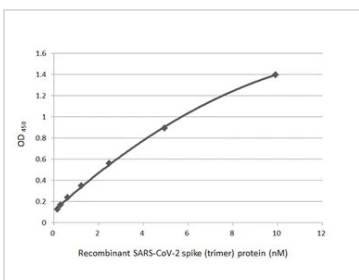
**Capture:** SARS-CoV-2 (COVID-19) Spike RBD antibody [GT5449] (GTX636042) (5 µg/mL)

**Detection:** SARS-CoV-2 (COVID-19) Spike S2 antibody [HL237] (GTX635693) (1 µg/mL)



**GTX636042 ELISA Image**

Sandwich ELISA detection of recombinant SARS-CoV-2 (COVID-19) Spike RBD (K417N, E484K, N501Y Mutant) protein, His tag (active) (GTX136022-pro) and SARS-CoV-2 (COVID-19) Spike RBD protein, His tag (active) (GTX01546-pro) using SARS-CoV-2 (COVID-19) Spike RBD antibody [HL1014] (GTX635807) as capture antibody at concentration of 5 µg/mL and SARS-CoV-2 (COVID-19) Spike RBD antibody [GT5449] (GTX636042) as detection antibody at concentration of 1 µg/mL. Mouse IgG antibody (HRP) (GTX213111-01) was diluted at 1:10000 and used to detect the primary antibody.



**GTX636042 ELISA Image**

Sandwich ELISA detection of recombinant SARS-CoV-2 spike (trimer) protein using antibodies as below.

**Capture:** SARS-CoV-2 (COVID-19) Spike RBD antibody [GT5449] (GTX636042) (5 µg/mL)

**Detection:** SARS-CoV-2 (COVID-19) Spike S1 antibody [HL13402] (GTX635713) (1 µg/mL)



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