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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

SARS-CoV-2 (COVID-19) Spike S1 antibody [HL6]

Cat No. GTX635654

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

Reference (3)

Package

100 µl, 25 µl

APPLICATION

Application Note

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

Suggested dilution	Dilution
WB	1:1000-1:10000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:500
FACS	Assay dependent
ELISA	Assay dependent
Sandwich ELISA	Assay dependent
IHC-P (cell pellet)	Assay dependent

**Note : Recommended heat-Induced Epitope Retrieval pH 6.0 for 20 minutes , background Eraser (BGE) blocking step, and DAB Enhancer.
Capture : GTX632604, Detection: GTX635654**

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
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 N-terminus region of SARS-CoV-2 (COVID-19) spike (S1) (SARS-CoV-2 (strain Wuhan-Hu-1)). The exact sequence is proprietary.
Purification	Affinity purified by protein A.



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

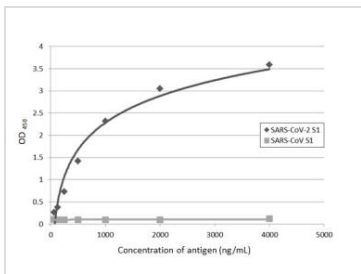
Conjugation

Unconjugated

Note

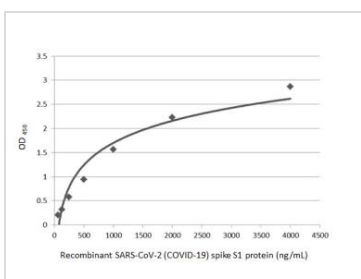
For laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

DATA IMAGES



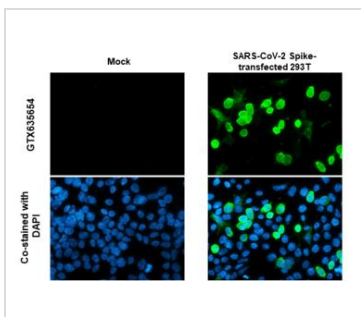
GTX635654 ELISA Image

Indirect ELISA analysis performed by coating plate with recombinant SARS-CoV-2 (COVID-19) spike S1 subunit protein or recombinant SARS-CoV spike S1 subunit protein (62.5-4000 ng/mL). Coated protein probed with SARS-CoV-2 (COVID-19) Spike S1 antibody [HL6] (GTX635654) (1 µg/mL). Rabbit IgG antibody (HRP) (GTX213110-01) (1:10000) detected bound primary antibody.



GTX635654 ELISA Image

Indirect ELISA analysis was performed by coating plate with 50 µL of recombinant SARS-CoV-2 (COVID-19) spike S1 subunit protein at concentrations ranging from 0.0625 µg/mL to 4 µg/mL. The coated protein is detected with (GTX635654) at 1 µg/mL. Rabbit IgG antibody (HRP) (GTX213110-01) was diluted at 1:10000 and used to detect the primary antibody.



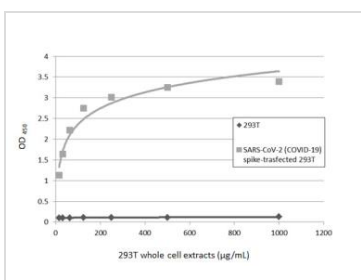
GTX635654 ICC/IF Image

SARS-CoV-2 (COVID-19) spike antibody [HL6] detects SARS-CoV-2 (COVID-19) spike protein by immunofluorescent analysis.

Sample: Mock and SARS-CoV-2 Spike-transfected 293T cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: SARS-CoV-2 (COVID-19) spike stained by SARS-CoV-2 (COVID-19) spike antibody [HL6] (GTX635654) diluted at 1:1000.

Blue: Fluoroshield with DAPI (GTX30920).



GTX635654 ELISA Image

Sandwich ELISA detection of non-transfected and SARS-CoV-2 spike (full length) transfected 293T whole cell extracts (GTX535664) using GTX632604 as capture antibody at concentration of 5 µg/mL and GTX635654 as detection antibody at concentration of 1 µg/mL. Rabbit IgG antibody (HRP) (GTX213110-01) was diluted at 1:10000 and used to detect the primary antibody.



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