

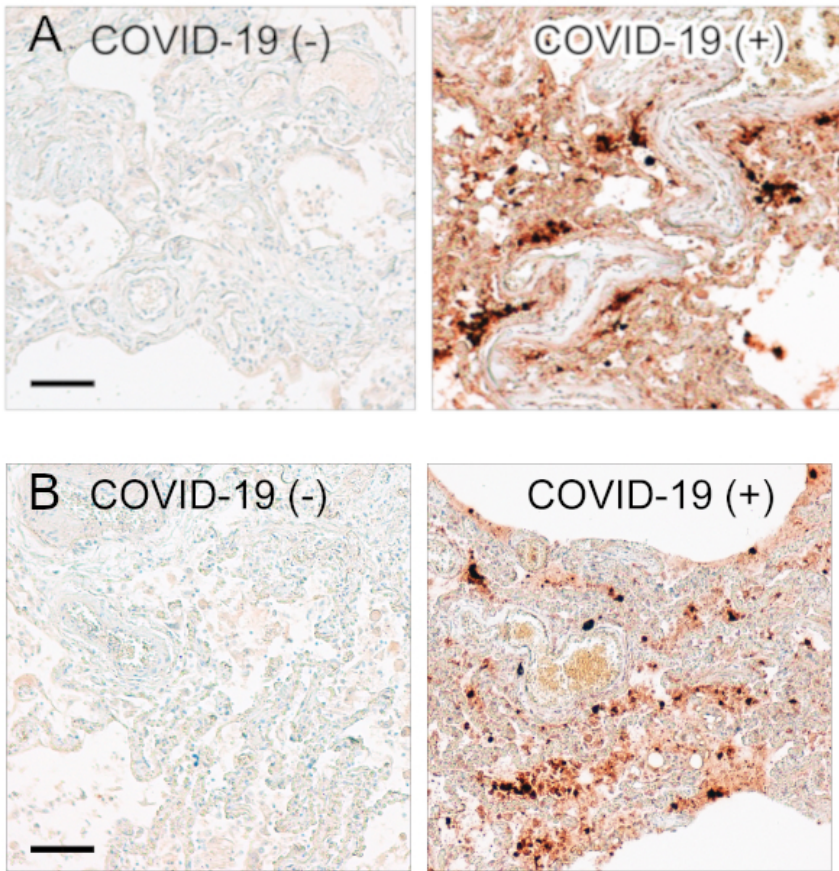
COVID-19 – SARS-CoV-2

Links

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References

Synowiec et al., 2021 SARS-CoV-2

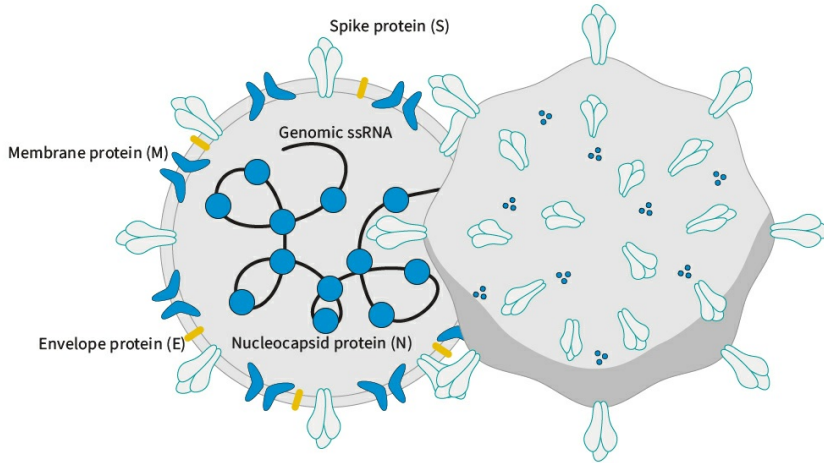


1 SARS-CoV-2 COVID-19 **A:** cat. no. [HS-452 011](#), 1:1000; **B:** cat. no. [HS-452 111](#), 1:500 Ventana Benchmark XT: 100µm

Dres. Krasemann/Heinrich/Pfefferle/UKE/

SARS-CoV-2 RNA: Synowiec et al., 2021

SARS - Virus



SYSY | **HistoSure**

2 SARS-CoV-2 Pizzato et al., 2022 RNA

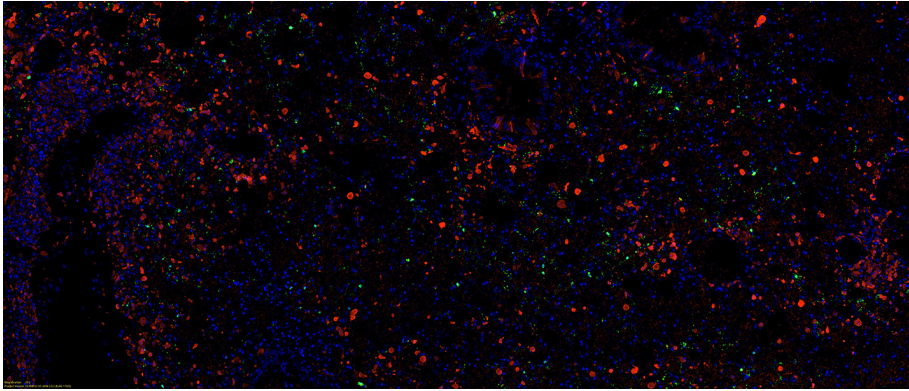
Magazine et al., 2022 WHO Sars-CoV-2 VOCs α β γ δ omicron Magazine et al., 2022 RNA α omicron R203K+G204R SARS-CoV-2 Johnson et al., 2022

SARS-CoV-2

COVID-19 (Krasemann et al., 2022 HistoSure SARS-CoV-2 3 Nsp3 RNA HistoSure SARS-CoV-2 omicron Krasemann et al., 2022

Sars-CoV-2 SARS-CoV-2 ACE2 2 TMPRSS2 Gupta et al., 2020 ACE2 Ambrocio-Ortiz et al., 2021 ACE2 COVID-19 Gheware et al., 2022

ACE2 K18-hACE2 SARS-CoV-2 McCray Jr. et al., 2006 3 SARS-CoV-2 RNA SARS-CoV-2 Abassi et al., 2023



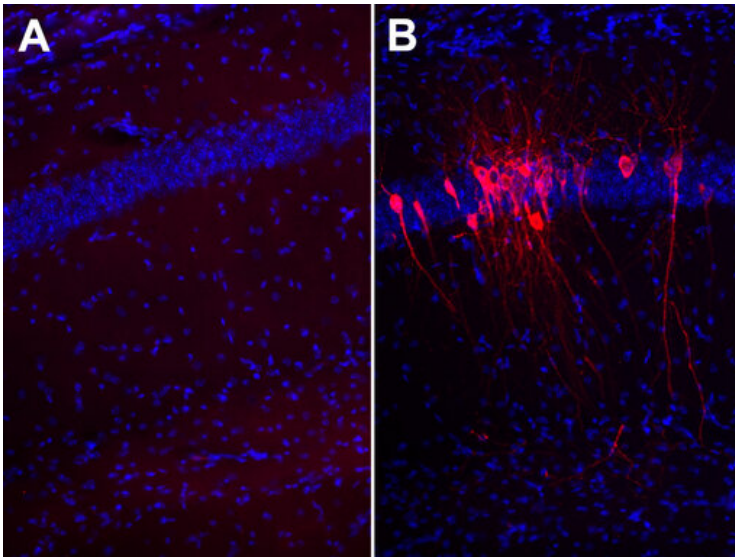
3 SARS-CoV-2 HS-452 111 MAC2 DAPI
 SARS-CoV-2 Leila Abassi, Marina Greweling-Pils & Luka Čičin-Šain

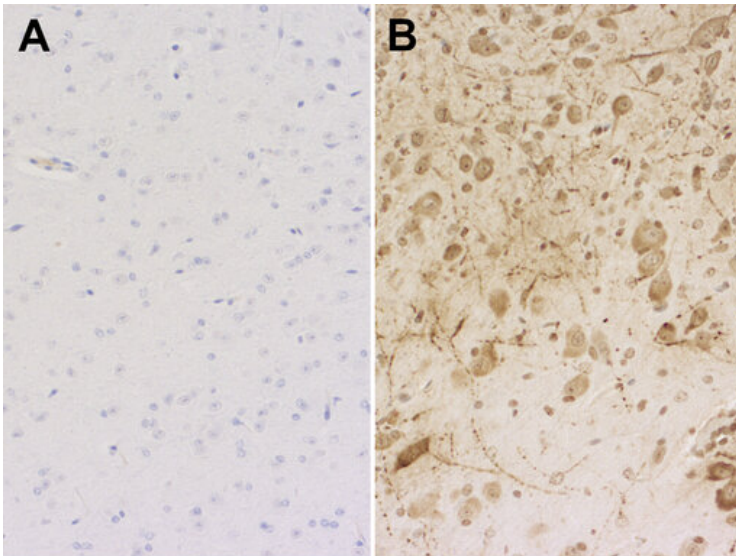
COVID-19

COVID-19 COVID-19 Vanderheiden and Klein, 2022
 “” Theoharides and Kempuraj, 2023

ACE2 Vanderheiden and Klein, 2022 TMPRSS2 neuropilin-1 NRP1
 SARS-CoV-2 Davies et al., 2020

Sars-CoV K18-hACE2 4 5





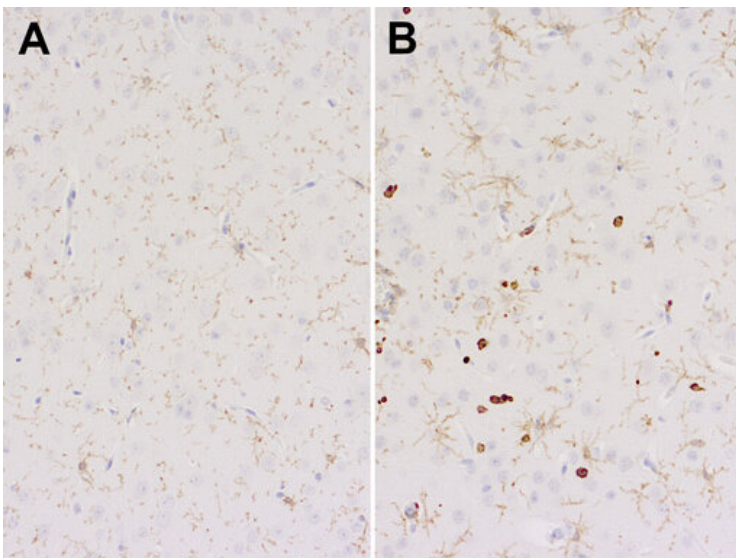
4 SARS-CoV-2 #4A8 cat. no. [HS-452 011](#), 1:1000; PFA SARS-CoV-2 K18-hACE2 A DAPI

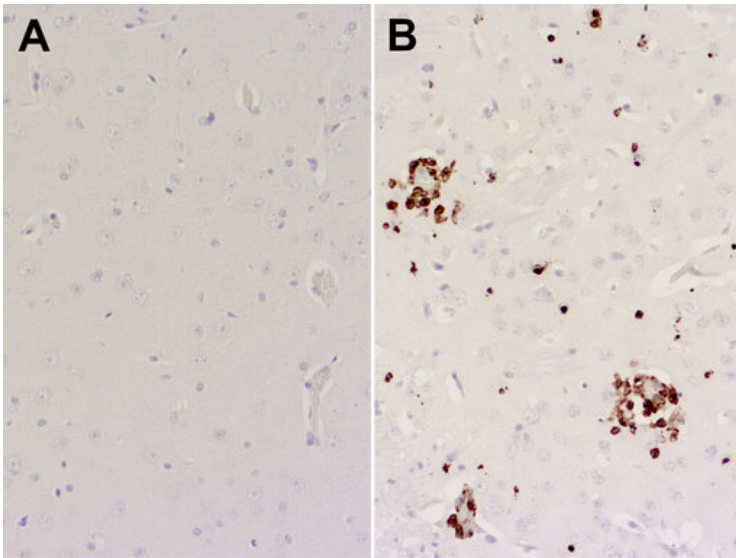
Čičin-Šain

5 Sars-Cov-2 #53E2 cat. no. [HS-452 111](#), 1:1000; DAB SARS-CoV-2 A K18-hACE2

Čičin-Šain

SARS-CoV-2 #6 7





6 **CD11b** cat. no. [HS-384 117](#), 1:200, DAB, PBS, Biotin, K18-hACE2

Čičin-Šain, Kröger

7 **Chil3** cat. no. [HS-442 017](#), 1:200, DAB, PBS, Biotin, K18-hACE2

Čičin-Šain, Kröger

COVID-19 Matschke et al., 2022; Theoharides and Kempuraj, 2023; Radke et al., 2024

“” Theoharides and Kempuraj, 2023

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Cat. No.	Product Description	Application	Quantity	Price	Cart
HS-452 111 HistoSure	Nucleocapsid CoV-1/2, mouse, IgG	WB ICC IHC IHC-P	200 µl	US\$420.00	
HS-452 111BT HistoSure	Nucleocapsid CoV-1/2, mouse, IgG, biotin	IHC-P ELISA	100 µg	US\$470.00	
HS-452 011 HistoSure	Nucleocapsid CoV-2, mouse, IgG	WB ICC IHC IHC-P ELISA	200 µl	US\$420.00	
HS-452 011BT HistoSure	Nucleocapsid CoV-2, mouse, IgG, biotin	IHC-P	100 µg	US\$470.00	

Result count: 4

Christel Bonnas
HistoSure
Christel HistoSure
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Abassi et al., 2023. Evaluation of the Neutralizing Antibody STE90-C11 against SARS-CoV-2 Delta Infection and Its Recognition of Other Variants of Concerns. [PMID: 38005829](#)

Ambrocio-Ortiz et al., 2021. Angiotensin-Converting Enzyme 2 (ACE2) in the Context of Respiratory Diseases and Its Importance in Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Infection. [PMID: 34451902](#)

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Johnson et al., 2022. Nucleocapsid mutations in SARS-CoV-2 augment replication and pathogenesis. [PMID: 34671771](#)

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Matschke et al., 2022. Young COVID-19 Patients Show a Higher Degree of Microglial Activation When Compared to Controls. [PMID: 35785352](#)

McCray PB Jr. et al., 2006. Lethal infection in K18-hACE2 mice infected with SARS-CoV. [PMID: 17079315](#)

Pizzato et al., 2022. SARS-CoV-2 and the Host Cell: A Tale of Interactions. <https://doi.org/10.3389/fviro.2021.815388>

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Theoharides and Kempuraj, 2023. Role of SARS-CoV-2 Spike-Protein-Induced Activation of Microglia and Mast Cells in the Pathogenesis of Neuro-COVID. [PMID: 36899824](#)

Radke et al., 2024. Proteomic and transcriptomic profiling of brainstem, cerebellum and olfactory tissues in early- and late-phase COVID-19. [PMID: 38366144](#)

Vanderheiden and Klein 2022. Neuroinflammation and COVID-19. [PMID: 35863101](#)