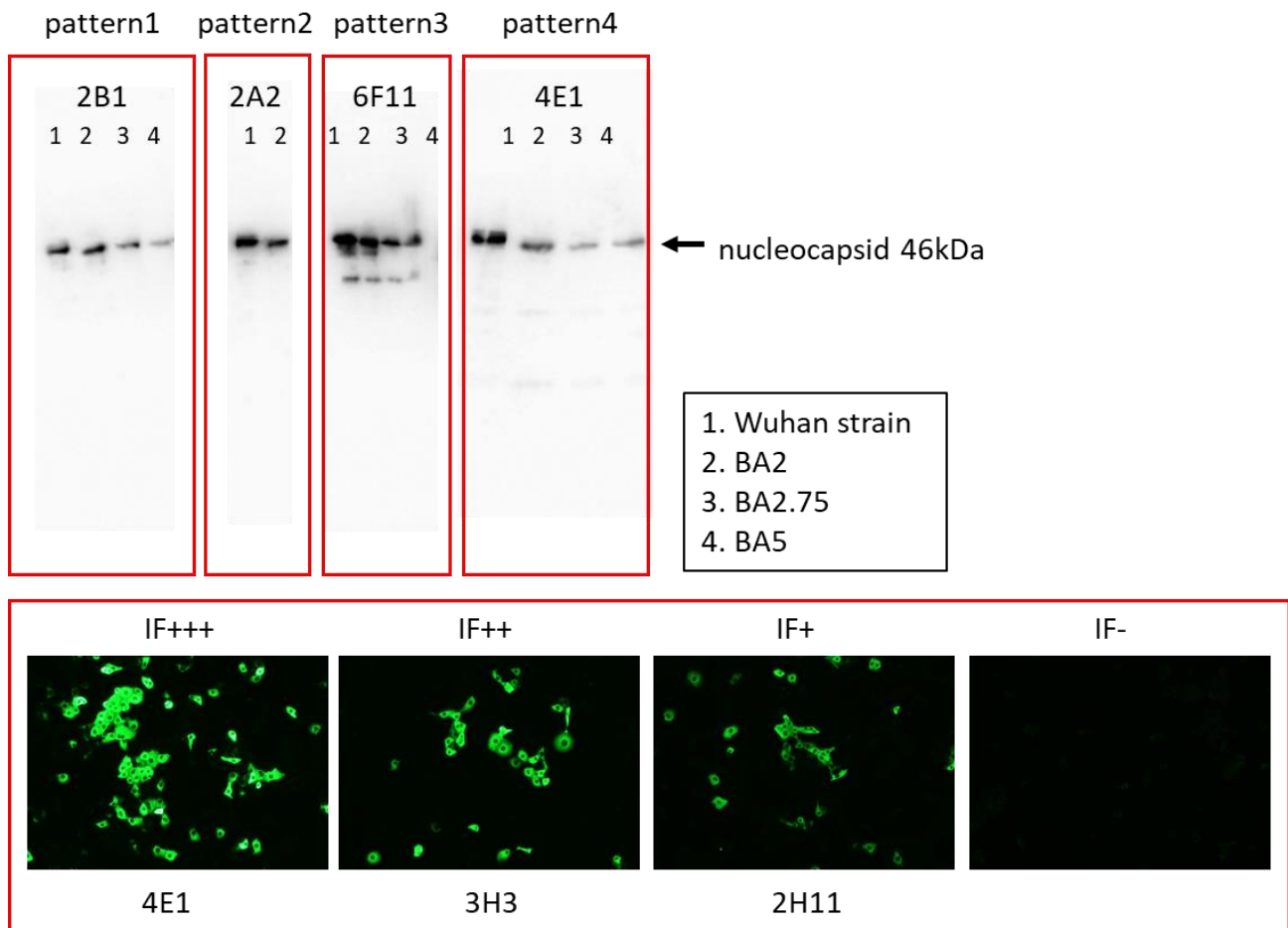


Anti-SARS-CoV2 NP (nucleocapsid protein) antibody, mouse monoclonal (4E1)

Product code	65-105
Size	50 µg
Storage	-20°C
Concentration	1.0 mg/ml
Buffer	PBS- with 50% glycerol
Purity	Purified IgG fraction with protein A from hybridoma cell culture medium.
Immunogen	SARS-CoV2 nucleocapsid protein with His Tag
Isotype	mouse IgG
Reactivity	SARS-CoV2 (Wuhan strain, BA.5, BA2, BA2.75) Other strains have not been tested.
Special notes	There are some clones for SARS-CoV2 NP (Fig.1). If you chose the other clones, please contact us.
Application	1. Western blotting (1µg/ml) 2. Immunofluorescence (1µg/ml)
Background	New coronavirus (SARS-CoV-2) suddenly emerged in Wuhan City, China, at the end of 2019. SARS-CoV-2 gradually became attenuated in the process of transitioning to alpha strain, delta strain, and more recent mutant strains called BA.2, BA.5, BA.2.75. Currently, Omicron strain vaccines developed by Moderna and Pfizer use mRNA derived from BA.2 viruses, but most of the prevalent virus strains are now replaced by BA.5 and BA.2.75 mutant strains.
Data Link	GenBank NC 045512
Please note: All products are FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES. NOT FOR MILITARY USE.	

Data Images: 65-105 Anti-SARS-CoV2 NP (nucleocapsid protein) antibody, mouse monoclonal (4E1)



WB	IF+++ WB+	IF++ WB+	IF+ WB+	IF++	WB+
pattern1		6G5	2B1	5E7,4B1, 6H2	1D12
pattern2					2A2
pattern3	6F11	7C1, 7C2, 3H3, 5A7	2H11, 3C12, 6H11, 7F1	72, 73	2E12
pattern4	4E1, 6F10				

Fig.1

WB analysis and Immunofluorescence using some monoclonal antibody for SARS-CoV2 NP

SARS-Cov2 infection vero (E3 TMTRSS2)

Primary antibody: 1µg/ml of Anti-SARS-CoV2 NP antibody

SARS-Cov2 (Wuhan strain) infected cells were fixed with 4% HCHO/PBS.

Related products:

65-107 Anti-SARS-CoV2 NP (nucleocapsid protein) antibody, rabbit polyclonal

References: This antibody has not yet been referenced.