

Antibodies To Key Viral Targets

SARS-COV Nucleocapsid (N) protein은 높은 immunogenecity를 가지는 바이러스 단백질입니다. 이 단백질을 검사하는 것은 조직 내 바이러스의 존재를 확인하는데 널리 사용됩니다.

최근 미군 질병관리예방센터에서 Novus SARS Nucleocapsid Protein Polyclonal Antibody (NBP100-56576)을 이용한 IHC 실험을 통해 조직 내 바이러스를 검출하는 것에 대해 검증 받았습니다. 아래 reference들을 통해 내용을 확인하세요.

Pathology and pathogenesis of fatal COVID-19 cases associated with SARS-CoV-2 pandemic.

Martines RB et al.; COVID-19 Pathology Working Group. Emerg Infect Dis. 2020
SARS Nucleocapsid Protein Antibody [NB100-56576] used for IHC.

Respiratory disease in rhesus macaques inoculated with SARS-CoV-2.

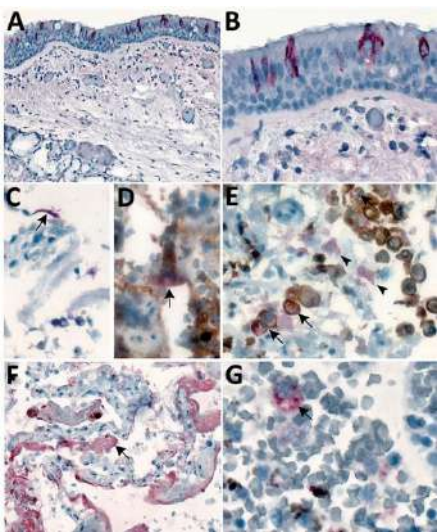
Munster, V.J.et al.; National Institutes of Health, Nature 2020
[NB100-56576] used for IHC-P.

SARS-CoV-2 Infection Protects Against Rechallenge in Rhesus Macaques

Chandrashekar A, et al.; Harvard Medical School, Science. 2020
[NB100-56576] used for IHC-P, IHC, Dual ISH-IHC.

In situ detection of SARS-CoV-2 in lungs and airways of patients with COVID-19.

Schaefer, I., Padera, R.F. et al; Harvard Medical School, Mod Pathol. 2020
[NB100-56576] used for IHC.



SARS Nucleocapsid Protein Antibody [NB100-56576]

- Immunostaining of SARS-CoV-2 in pulmonary tissues from fatal coronavirus disease cases.

A) P5 (Patient 5): immunostaining of tracheal epithelial cells.

B) P5: immunostaining of ciliated cells.

C) P8: immunostaining of desquamated type I pneumocyte in an alveolar lumen.

D) P4: colocalization of

SARS-CoV-2 viral antigen (red) with type II pneumocyte stained by surfactant (brown; arrow).

E) P4: colocalization of SARS-CoV-2 viral antigen (red) with macrophages stained by CD163 (brown; arrows); virus immunostaining within type II pneumocytes is also seen (arrowheads).

F) P4: immunostaining of hyaline membranes in a region of exudative DAD.

G) P3: immunostaining within macrophage in hilar lymph node; anthracosis is also present. Emerg Infect Dis. 2020.