

Anti SARS-CoV-2 Nucleocapsid rabbit mAb (Clone: 84D7)

Clonality : Monoclonal
Clone Name : 84D7
Application : ELISA
Conjugate : Unconjugated
Gene : N
Gene ID : 3856
Uniprot ID : P0DTC9
Format : Purified
Isotype : Rabbit IgG

Description

SARS-CoV-2 Nucleocapsid antibodies, which include clones 75G5a, 84C4a and 84D7 can be paired in sandwich detection assay and used to detect nucleoprotein (NP) antigen from SARS-CoV-2. These antibodies do not cross-react to the highly related SARS-CoV virus or to any other coronaviruses tested. Sandwich ELISA detection using TMB/acid developer reliably detects NP antigen in the pg/mL range, and sensitivity is expected to be even higher when using more sensitive developer strategies. This panel of antibodies can be used as raw materials for diagnostic kits and can be applied to lateral flow systems for diagnostic detection of COVID-19.

Product Info

Content : 1X PBS, 0.02% NaN₃, 50% Glycerol, 0.1% BSA.

Storage condition : Store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Recommended dilutions: ELISA: 1 µg/ml. However, this need to be optimized based on the research applications.



