

### 35-1879: 2019-nCoV Nucleocapsid Antibody (Humanized)

**Clonality :** Monoclonal  
**Clone Name :** 6G9  
**Isotype :** Human IgG1  
**Immunogen Information :** This antibody recognizes COVID-19 conserved sequences.

#### Description

Coronavirus N protein is required for coronavirus RNA synthesis, and has RNA chaperone activity that may be involved in template switch. Nucleocapsid protein is a most abundant protein of coronavirus. N protein packages the positive strand viral genome RNA into a helical ribonucleocapsid (RNP) and plays a fundamental role during virion assembly through its interactions with the viral genome and membrane protein M. Plays an important role in enhancing the efficiency of subgenomic viral RNA transcription as well as viral replication. Because of the conservation of N protein sequence and its strong immunogenicity, the N protein of coronavirus is chosen as a diagnostic tool.

#### Product Info

**Amount :** 50 µg / 1 mg  
**Content :** 5.0 mg/ml (+/- 10 %); PBS, pH 7.4, 0.09 % sodium azide (NaN<sub>3</sub>)  
**Storage condition :** 24 months from manufacturing at <-20°C; 1 month, 2 to 8°C under sterile conditions.

#### Application Note

Specificity: Antibody recognizes 2019-nCoV Nucleocapsid Protein