



# DataSheet

**CATALOGUE #:** 3CV4

**PRODUCT NAME:** Monoclonal anti-SARS-CoV-2 Nucleoprotein

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**Recombinant MABs:** C706, C715

**MABs *in vitro*:** C518, C524, C525, C527

**MABs *in vivo*:** NP1503, NP1510, NP1516, NP1517, NP1526, NP1528, NP1529

**R&D samples:** NP1508, NP1632

Recombinant rabbit full-sized MABs expressed in mammalian cells (C706, C715)

Hybridoma clones have been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with recombinant SARS-CoV-2 Nucleoprotein (C518, C524, C525, C527, NP1503, NP1508, NP1510, NP1516, NP1517, NP1526, NP1528, NP1529, NP1632).

**Specificity:** SARS-CoV-2 Nucleoprotein

**MAB isotypes:** **IgG** for C706, C715

**IgG1** for C518, C524, C525, C527, NP1503, NP1508, NP1510, NP1516, NP1517, NP1526, NP1528, NP1529

**IgG2a** for NP1632

**Purification:** Protein A chromatography for C706, C715, C518, C524, C525, C527, NP1503, NP1508, NP1510, NP1516, NP1517, NP1526, NP1528, NP1529

Ion exchange chromatography for NP1632

**Presentation:** PBS, pH 7.4, 0.09 % sodium azide (NaN<sub>3</sub>) for C706, C715, C518, C524, C525, C527, NP1503, NP1508, NP1510, NP1516, NP1517, NP1526, NP1528, NP1529

0.15 M NaCl, 10 mM Tris, pH 7.5, 0.05 % sodium azide (NaN<sub>3</sub>) for NP1632

**Storage:** +4 °C (+2 ... +8 °C allowed)

**Material safety note:** This product is sold **for research use only**. Standard Laboratory Practices should be followed when handling this material.

Product contains sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.



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**Applications:** Immunoassays

Preliminary pair recommendations in sandwich immunoassays (capture-detection):

Detection antibody conjugated with HRP:	
Capture	Detection
<b>C524</b>	<b>C706</b>
<b>C518</b>	<b>C524</b>
<b>C524</b>	<b>C527</b>
<b>NP1510</b>	<b>NP1517</b>
<b>NP1516</b>	<b>C525</b>
C527	NP1632
C715	NP1632
NP1632	C706
C715	C706
C527	C715
NP1516	NP1510
NP1529	NP1508
NP1529	C525

Detection antibody conjugated with biotin:	
Capture	Detection
<b>C524</b>	<b>C706</b>
<b>C706</b>	<b>C518</b>
<b>C715</b>	<b>C518</b>
<b>NP1510</b>	<b>NP1517</b>
<b>NP1517</b>	<b>NP1503</b>
<b>NP1526</b>	<b>NP1528</b>
C524	C527
C518	C706
C524	C518
NP1529	C524
C524	NP1516
NP1529	C706

In lateral flow.

<b>C715</b>	<b>C706</b>
<b>C706</b>	<b>C524</b>
<b>C706</b>	<b>C518</b>
C518	C706
C524	C706
C706	C715



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