



DataSheet

CATALOGUE #: 3CV4

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

Recombinant MAbs: C706, C715

MAbs *in vitro*: C518, C524, C527

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, C527).

Specificity: SARS-CoV-2 Nucleoprotein

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

IgG1 for C518, C524, C527

Purification: Protein A chromatography

Presentation: PBS, pH 7.4, 0.09 % sodium azide (NaN₃)

Storage: +4 °C (+2 ... +8 °C allowed)

Material safety note: This product is sold **for research or further manufacturing 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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PRODUCT NAME: Monoclonal anti-SARS-CoV-2 Nucleoprotein

Applications: Immunoassays

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

| Detection antibody conjugated with HRP: | |
|---|-----------|
| Capture | Detection |
| C524 | C706 |
| C518 | C524 |
| C524 | C527 |
| C715 | C706 |
| C527 | C715 |

| Detection antibody conjugated with biotin: | |
|--|-----------|
| Capture | Detection |
| C524 | C706 |
| C706 | C518 |
| C715 | C518 |
| PSN5* | C518 |
| PSN5* | C527 |
| C524 | C527 |
| C518 | C706 |
| C524 | C518 |

In lateral flow.

| 1 + 1 | | Advanced | |
|---------|-----------|----------------|----------------|
| Capture | Detection | Capture | Detection |
| C715 | C706 | C706 | C518+C524 |
| C706 | C524 | C706 | C518+C524+C715 |
| C706 | C518 | C706+C518 | C524 |
| PSN5 | C518 | C706+C518 | C524+C715 |
| PSN5 | C524 | C518+C524 | C706 |
| PSN5 | C706 | C518+C524+C715 | C706 |
| C518 | C706 | C524+C715 | C706+C518 |
| C524 | C706 | C518+C524+C715 | C706+C527 |
| C706 | C715 | C706+PSN5 | C518+C524 |

* PSN5 in these recommendations refers to Cat.# PSN5 Polyclonal anti-SARS-CoV-2 Nucleoprotein.