

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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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.