



DataSheet

CATALOGUE #: 3CV4

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

MAbs: NP1501, NP1502, NP1503, NP1507, NP1508, NP1514, NP1516, NP1518, NP1520, NP1521, NP1522, NP1524, NP1525, NP1526, NP1527, NP1528, NP1529, NP3701, NP3706, NP3715

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 (NP1501, NP1502, NP1503, NP1507, NP1508, NP1514, NP1516, NP1518, NP1520, NP1521, NP1522, NP1524, NP1525, NP1526, NP1527, NP1528, NP1529).

NP3701, NP3706, NP3715: Recombinant rabbit full-sized MAbs expressed in mammalian cells

Specificity: SARS-CoV-2 Nucleoprotein

MAb isotypes: **IgG** for NP3701, NP3706, NP3715

IgG1 for NP1501, NP1503, NP1507, NP1508, NP1514, NP1516, NP1518, NP1520, NP1521, NP1522, NP1524, NP1525, NP1526, NP1527, NP1528, NP1529

IgG2b for NP1502

Purification: Protein A chromatography for NP1501, NP1502, NP1503, NP1507, NP1508, NP1514, NP1516, NP1518, NP1520, NP1521, NP1522, NP1524, NP1525, NP1526, NP1527, NP1528, NP1529, NP3701, NP3706, NP3715

Presentation: PBS, pH 7.4, 0.09 % sodium azide (NaN₃) for NP1501, NP1502, NP1503, NP1507, NP1508, NP1514, NP1516, NP1518, NP1520, NP1521, NP1522, NP1524, NP1525, NP1526, NP1527, NP1528, NP1529, NP3701, NP3706, NP3715

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 biotin:

Capture	Detection
NP1526	NP1528
NP1501	NP1528
NP1507	NP1528
NP1529	NP1524
NP1524	NP1516
NP1529	NP3706
NP3701	NP3706

These combinations are also recommended for lateral flow assay development with non-gold labelling

Detection antibody conjugated with HRP:

Capture	Detection
NP1516	NP1525
NP1507	NP1503
NP1529	NP1508
NP1529	NP1525
NP1527	NP3715
NP1524	NP3706
NP3715	NP3706

These combinations are also recommended for lateral flow assay development with non-gold labelling

Additional recommendations with gold and non-gold labelling:

Capture	Detection
NP1518	NP1529
NP1524	NP1529

Reverse pairs work too.

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