

PRODUCT INFORMATION

Anti-Nucleocapsid (NP) Antibody_AK3455

Description:

InVivo offers a series of different monoclonal antibodies for the detection of the Nucleocapsid protein (NP) from SARS-CoV-2. All antibodies come from hybridoma cell lines that were generated by immunization with recombinant N-protein. In SARS-CoV-2 antigen tests, the N-protein is usually targeted, as it is less prone to mutations compared to the Spike (S) protein, and thus is less likely to evade antibody detection.

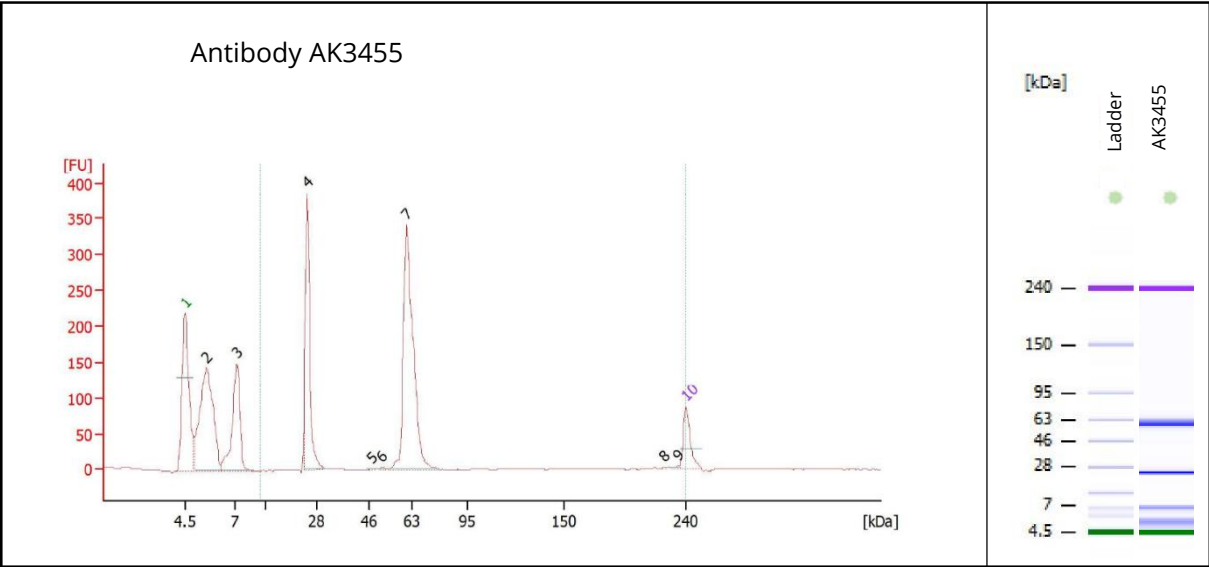
All anti-Nucleocapsid protein (NP) antibodies have been independently tested and are recommended and for use in sandwich ELISA assays.

The antibody is produced exclusively under serum-free conditions from hybridoma and purified through one-step purification with Protein-G affinity chromatography.

Product-ID:	AK3455
Host:	Mouse
Clonality:	Monoclonal
Isotype:	mIgG
Subclass:	mIgG2bk
Formulation:	Liquid, PBS, pH 7.4, 0.2 µm sterile filtered
Concentration:	≥ 0.5 mg/ mL
Purity:	≥ 90% (via analytical CGE under reducing conditions)
Conjugate:	Unconjugated

The product is for research use or for further manufacturing only.

Purity (analytical CGE, under reducing conditions):



Peak	Size [kDa]	% of Total	Observations
1	4.5	0.0	Lower Marker
2	5.6	0.0	System Peak
3	7.4	0.0	System Peak
4	25.8	Peak Value 1	Light Chain
5	47.3	0.3	
6	51.1	0.4	
7	61.0	Peak Value 2	Heavy Chain
8	223.6	0.6	
9	234.3	0.5	
10	240.0	0.0	Upper Marker

Summation of peak values 1 and 2 results in a purity of $\geq 90\%$