

PRODUCT INFORMATION

Anti-Nucleocapsid (NP) Antibody_AK3457

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.

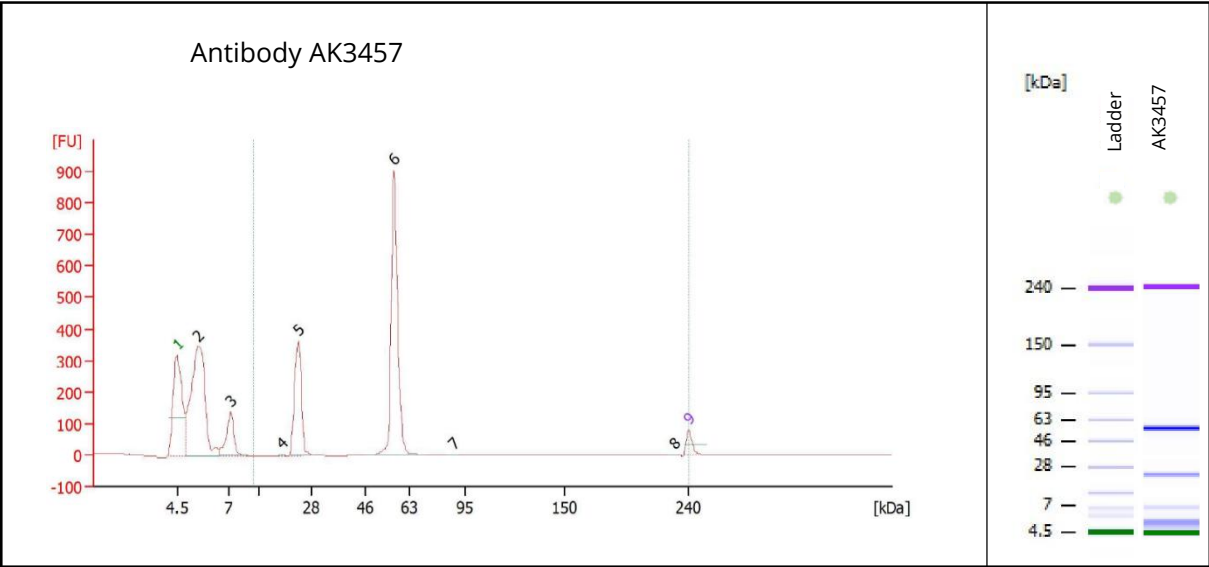
All anti-Nucleocapsid protein (NP) antibodies have been independently tested and are recommended and for use in sandwich ELISA assays.

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

Product-ID:	AK3457
Host:	Mouse
Clonality:	Monoclonal
Isotype:	mIgG
Subclass:	mIgG2ak
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	5.5	0.0	System Peak
3	7.6	0.0	System Peak
4	20.8	0.1	
5	24.7	Peak Value 1	Light Chain
6	57.2	Peak Value 2	Heavy Chain
7	88.2	0.1	
8	229.2	0.1	
9	240.0	0.0	Upper Marker

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