

Anti-Spike (S1) Antibody_AK3423

Description:

InVivo offers a series of different monoclonal antibodies for the detection of the Spike protein from SARS-CoV-2. All antibodies come from hybridoma cell lines that were generated by immunization with the recombinant full-length Spike protein (S) or the receptor-binding domain (RBD).

This antibody has been validated by ELISA and is specifically directed against an epitope that is located within the S1-subunit but outside the RBD.

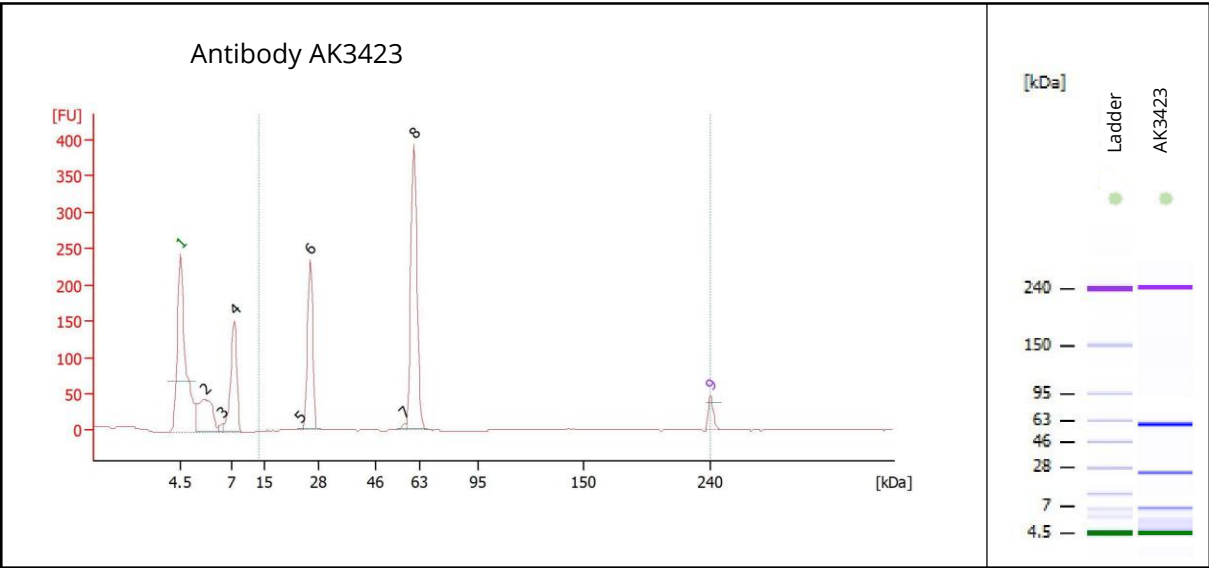
It is also recommended and independently tested for use in sandwich ELISA assays.

All antibodies are produced exclusively under serum-free conditions from hybridoma and purified through one-step purification with Protein-A affinity chromatography.

Product-ID:	AK3423
Host:	Mouse
Clonality:	Monoclonal
Isotype:	IgG
Subclass:	mIgG1κ
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	5.7	0.0	System Peak
3	6.5	0.0	System Peak
4	7.7	0.0	System Peak
5	23.6	0.2	
6	26.0	Peak Value 1	Light Chain
7	57.1	0.9	
8	60.4	Peak Value 2	Heavy Chain
9	240.0	0.0	Upper Marker

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