

Anti-Spike (RBD) Antibody_AK3426

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).

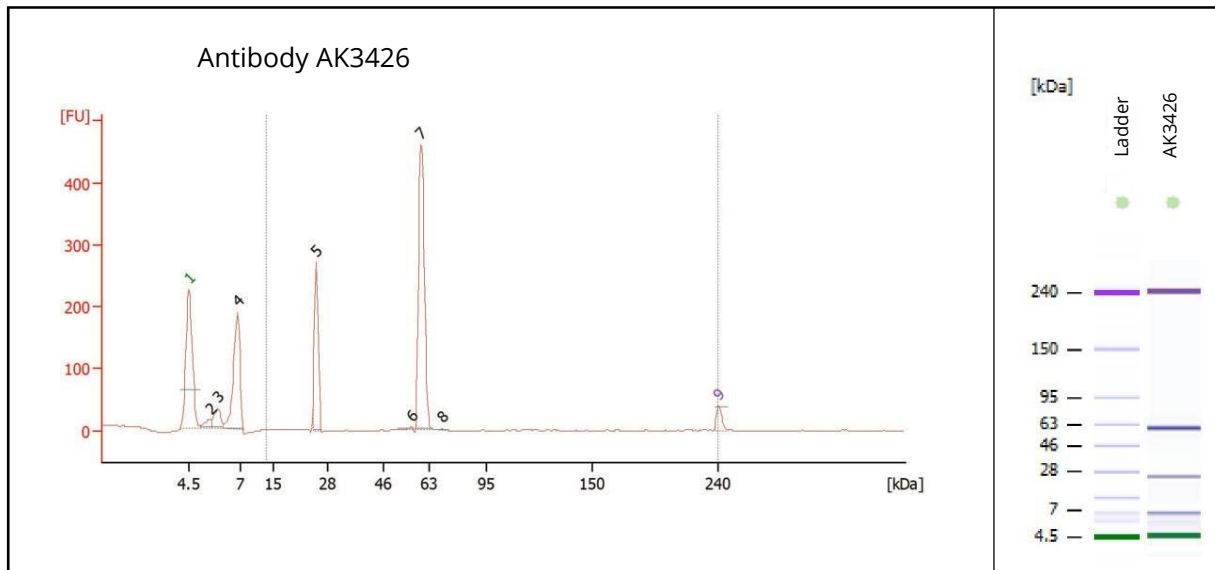
This antibody has been validated by ELISA and is specifically directed against an epitope that is located on the RBD.

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

Product-ID:	AK3426
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	5.5	0.0	System Peak
3	5.9	0.0	System Peak
4	6.9	0.0	System Peak
5	25.3	Peak Value 1	Light Chain
6	56.6	0.4	
7	59.9	Peak Value 2	Heavy Chain
8	70.0	0.4	
9	240.0	0.0	Upper Marker

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