

## Mouse IgG1 κ Isotype Control, InVivoPure+

Endotoxin level ≤ 1 EU/mg

### Description:

**Mouse IgG1 κ Isotype Control** is a mouse monoclonal antibody ideal for use as a non-reactive, isotype-matched control for mouse IgG1 antibodies in most *in vivo* and *in vitro* applications. The antibody was generated by immunization with the recombinant Spike protein (S) from SARS-CoV-2 virus. This antibody has been tested by ELISA to assure minimal cross reactivity and is specifically directed against an epitope that is located within the S1-subunit but outside the RBD.

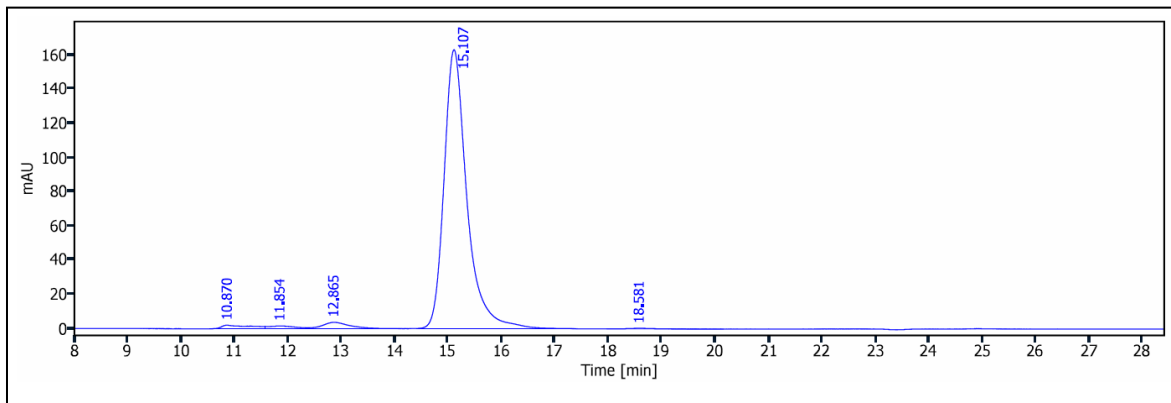
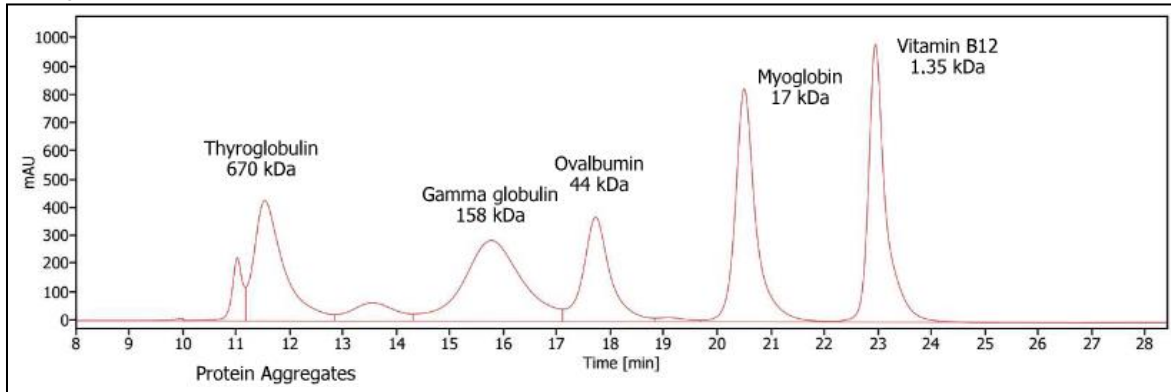
This antibody is produced exclusively under serum-free conditions from hybridoma and purified with Protein-A affinity chromatography.

<b>Product-ID:</b>	<b>AK3421P+</b>
<b>Immunogen</b>	Recombinant full-length Spike protein (S) from SARS-CoV-2
<b>Host:</b>	Mouse
<b>Clonality:</b>	Monoclonal
<b>Isotype:</b>	IgG1κ
<b>Formulation:</b>	Clear Liquid, PBS, pH 7.4, 0.2 μm sterile filtered
<b>Concentration:</b>	≥ 0.5 mg/mL
<b>Purity:</b>	≥ 90% (CGE, reducing conditions) ≤ 10 % aggregates (analytical SEC)
<b>Endotoxin:</b>	≤ 1 EU/mg (LAL test)
<b>Storage:</b>	2 - 8 °C

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

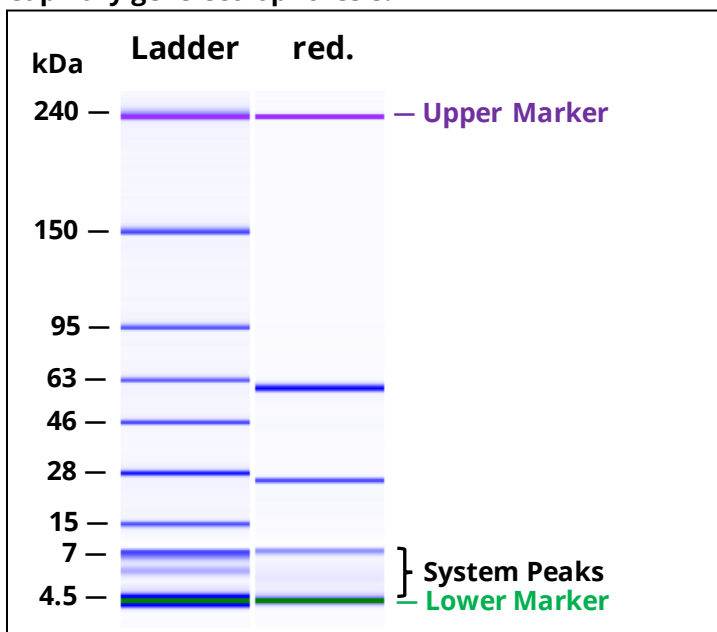
## Mouse IgG1k Isotype Control, InVivoPure+ — Supplementary Data

### Analytical SEC:



Analytical SEC of purified protein (blue) in comparison with gel filtration standard (red).

### Capillary gel electrophoresis:



CGE of the purified protein under reducing (red.) conditions.