

Product Datasheet

Mouse IgG1k Isotype Control, InVivoPure (orb2568796)

Catalog Number	orb2568796
Category	Antibodies
Description	Mouse IgG1k 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.
Clonality	Monoclonal
Species/Host	Mouse
Isotype	IgG1k
Conjugation	Unconjugated
Reactivity	Mouse, Rat
Form/Appearance	Clear Liquid, PBS, pH 7.4, 0.2 µm sterile filtered
Concentration	≥ 0.5 mg/ mL
Buffer/Preservatives	Clear Liquid, PBS, pH 7.4, 0.2 µm sterile filtered
Purity	≥ 90% (CGE, reducing conditions) ≤ 10 % aggregates (analytical SEC)
Immunogen	recombinant full-length Spike protein (S) from SARS-CoV-2
Tested applications	In vivo

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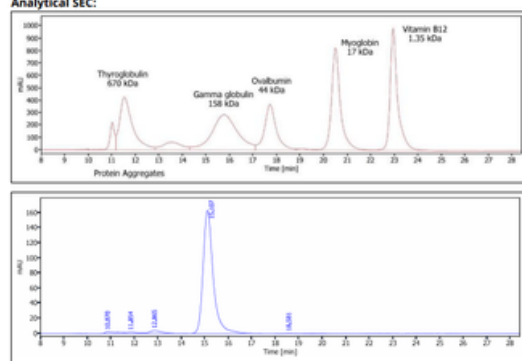
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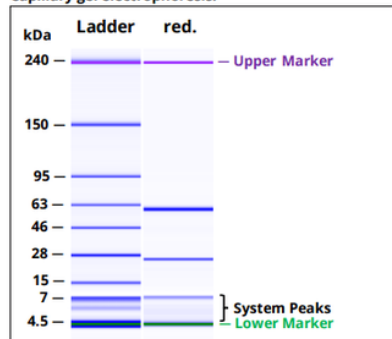
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Clone Number	AK3421
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.

Analytical SEC:

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

SEC-HPLC purity analysis of orb2568796.

Capillary gel electrophoresis:

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

SDS-PAGE gel analysis of orb2568796.

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