

Product Datasheet

Mouse IgG2A k Isotype Control, InVivoPure+ (orb2568793)

Catalog Number	orb2568793
Category	Antibodies
Description	Mouse IgG2a κ Isotype Control is a mouse monoclonal antibody ideal for use as a non- reactive, isotype-matched control for mouse IgG2a k antibodies in most in vivo and in vitro applications. The antibody was generated by immunization with the receptor-binding domain (RBD) of SARS- CoV-2 virus. This antibody is produced exclusively under serum-free conditions from hybridoma and purified with Protein-A affinity chromatography.
Clonality	Monoclonal
Species/Host	Mouse
Isotype	IgG2a k
Conjugation	Unconjugated
Reactivity	Mouse, Rat
Form/Appearance	Clear Liquid, PBS, pH 7.4, 0.2 μ m sterile filtered
Concentration	\geq 0.5 mg/ mL
Buffer/Preservatives	Clear Liquid, PBS, pH 7.4, 0.2 μ m sterile filtered
Purity	\geq 90% (CGE, reducing conditions) \leq 10 % aggregates (analytical SEC) Endotoxin level \leq 1 EU/mg
Immunogen	recombinant receptor-binding domain (RBD) of SARS-CoV-2 virus
Tested applications	In vivo

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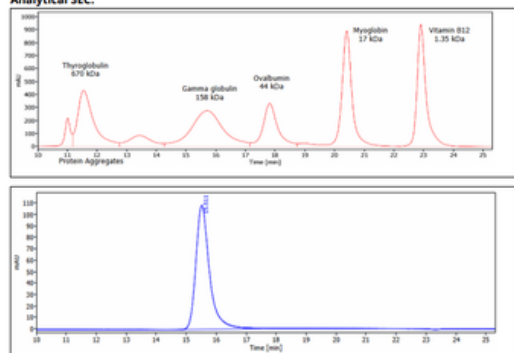
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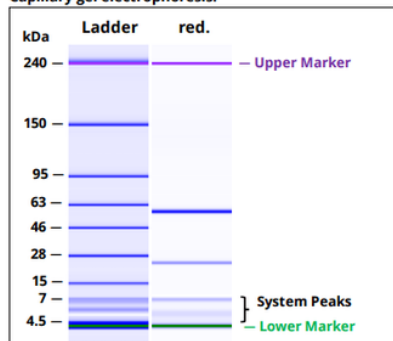
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Clone Number	AK3399
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.

Analytical SEC:

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

SEC-HPLC purity analysis of orb2568793.

Capillary gel electrophoresis:

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

SDS-PAGE gel analysis of orb2568793.

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