

## Product Datasheet

# Mouse IgG2A k Isotype Control, InVivoPure (orb2568794)

<b>Catalog Number</b>	orb2568794
<b>Category</b>	Antibodies
<b>Description</b>	Mouse IgG2a $\kappa$ Isotype Control is a mouse monoclonal antibody ideal for use as a non- reactive, isotype-matched control for mouse IgG2a $\kappa$ 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.
<b>Clonality</b>	Monoclonal
<b>Species/Host</b>	Mouse
<b>Isotype</b>	IgG2a $\kappa$
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Mouse, Rat
<b>Form/Appearance</b>	Clear Liquid, PBS, pH 7.4, 0.2 $\mu$ m sterile filtered
<b>Concentration</b>	$\geq$ 0.5 mg/ mL
<b>Buffer/Preservatives</b>	Clear Liquid, PBS, pH 7.4, 0.2 $\mu$ m sterile filtered
<b>Purity</b>	$\geq$ 90% (CGE, reducing conditions) $\leq$ 10 % aggregates (analytical SEC) Endotoxin level $\leq$ 2 EU/mg
<b>Immunogen</b>	recombinant receptor-binding domain (RBD) of SARS-CoV-2 virus
<b>Tested applications</b>	In vivo

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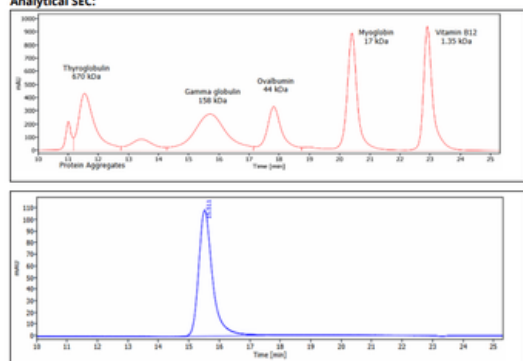
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<b>Clone Number</b>	AK3399
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from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

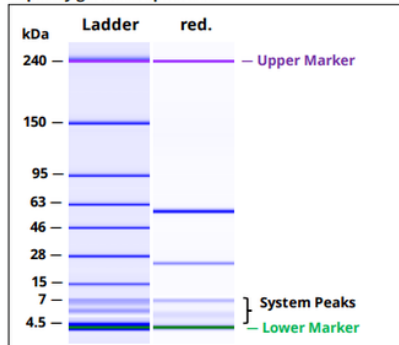
**Analytical SEC:**



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

SEC-HPLC purity analysis of orb2568794.

**Capillary gel electrophoresis:**



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

SDS-PAGE gel analysis of orb2568794.

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