

## Product Datasheet

# Rat IgG2a Isotype control, InVivoPure (orb3127217)

<b>Catalog Number</b>	orb3127217
<b>Category</b>	Antibodies
<b>Description</b>	Rat IgG2a Isotype Control is a rat monoclonal antibody ideal for use as a non-reactive, isotype- matched control for rat IgG2a antibodies in most in vivo and in vitro applications. The antibody was generated by immunization with the keyhole limpet hemocyanin (KLH) from Megathura crenulata.
<b>Clonality</b>	Monoclonal
<b>Species/Host</b>	Rat
<b>Isotype</b>	Rat IgG2a
<b>Conjugation</b>	Unconjugated
<b>Form/Appearance</b>	Clear Liquid, PBS, pH 7.4, 0.2 µm sterile filtered
<b>Concentration</b>	≥ 1 mg/ mL
<b>Purity</b>	≥ 90 % (CGE, reducing conditions) ≤ 10 % aggregates (analytical SEC) Endotoxin level ≤ 2 EU/mg
<b>Immunogen</b>	Keyhole Limpet Kemocyanin (KLH)
<b>Tested applications</b>	IF, IHC, WB
<b>Antibody Type</b>	Primary Antibody
<b>Clone Number</b>	AK3617

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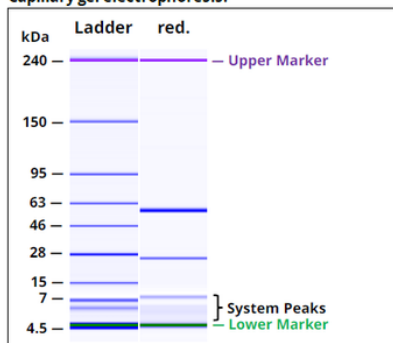
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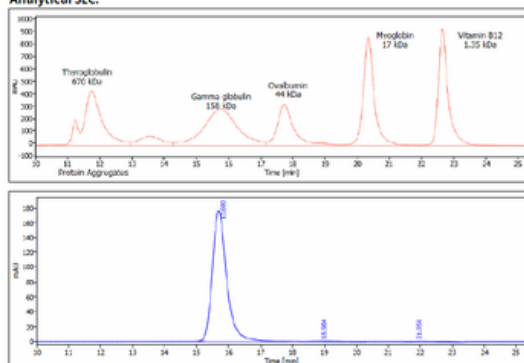
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- Storage** Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
- Note** For research use only
- Expiration Date** 12 months from date of receipt.

**Capillary gel electrophoresis:**

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

SDS-PAGE gel analysis of orb3127217.

**Analytical SEC:**

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

SEC-HPLC purity analysis of orb3127217.

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