

## Product Datasheet

# Rat IgG1a Isotype control, InVivoPure+ (orb3127220)

<b>Catalog Number</b>	orb3127220
<b>Category</b>	Antibodies
<b>Description</b>	Rat IgG1 Isotype Control is a rat monoclonal antibody ideal for use as a non-reactive, isotype- matched control for rat IgG1 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 IgG1
<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>	≥ 95 % (CGE, reducing conditions) ≤ 5 % aggregates (analytical SEC) Endotoxin level ≤ 1 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>	AK3619

**Biorbyt Ltd.**

7 Signet Court, Swann Road  
Cambridge  
CB5 8LA  
United Kingdom

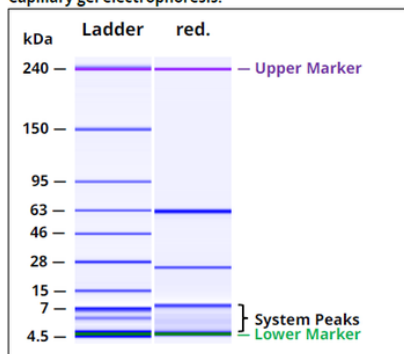
Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

**Biorbyt LLC**

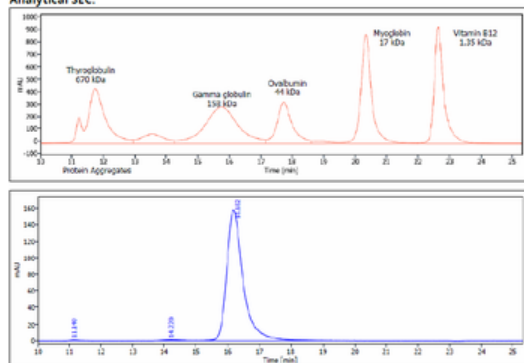
68 TW Alexander Drive  
Research Triangle Park  
Durham  
NC 27713-2847  
United States

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

<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.

**Capillary gel electrophoresis:***CGE of the purified protein under reducing (red.) conditions.*

SDS-PAGE gel analysis of orb3127220.

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

SEC-HPLC purity analysis of orb3127220.

**Biorbyt Ltd.**

7 Signet Court, Swann Road  
Cambridge  
CB5 8LA  
United Kingdom

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: +44 (0)1223 859353 | Fax: +1 (415) 651-8558

**Biorbyt LLC**

68 TW Alexander Drive  
Research Triangle Park  
Durham  
NC 27713-2847  
United States

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558