

# Product Datasheet

## Rat IgG2a Kappa Light Chain Isotype Control (R2a) [PE] NBP1-43780-0.1mg

Unit Size: 0.1 mg

Store at 4C in the dark.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

### Publications: 2

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP1-43780](http://www.novusbio.com/NBP1-43780)

Updated 10/23/2024 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP1-43780](http://www.novusbio.com/reviews/destination/NBP1-43780)



**NBP1-43780-0.1mg**

Rat IgG2a Kappa Light Chain Isotype Control (R2a) [PE]

Product Information	
Unit Size	0.1 mg
Concentration	Please contact technical services for concentration.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	R2a
Preservative	0.09% Sodium Azide
Isotype	IgG2a Kappa
Conjugate	PE
Buffer	PBS (pH 7.2) with 0.1% gelatin

Product Description	
Description	The Rat IgG2a Kappa immunoglobulin is useful as an isotype control for Rat IgG2a antibodies.
Host	Rat
Species	Rat

Product Application Details	
Applications	Flow Cytometry
Recommended Dilutions	Flow Cytometry 1:100 - 1:2000
Application Notes	Tested for Flow analysis on mouse splenocyte suspension. Use the isotype control at the same concentration as the experimental antibody. Optimal dilution of this antibody should be experimentally determined.

**Publications**

Morimoto Y, Kishida T, Kotani SI et al. Interferon- $\beta$  signal may up-regulate PD-L1 expression through IRF9-dependent and independent pathways in lung cancer cells *Biochem Biophys Res Commun*. 2018-12-09 [PMID: 30446226] (FLOW, Rat)

Details:  
Citation using the PE form of this antibody.

Xu B, Li Y, Deng B Et al. Chitosan hydrogel improves mesenchymal stem cell transplant survival and cardiac function following myocardial infarction in rats *Exp Ther Med* 2017-03-30 [PMID: 28352335] (ICC/IF, Rat)

Details:  
Citation using the PE version of this antibody.





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-  
techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Isotype Controls are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP1-43780](http://www.novusbio.com/reviews/submit/NBP1-43780)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

