

Product Datasheet

Mouse IgG1 Kappa Light Chain Isotype Control NBA1-21302

Unit Size: 0.2 ml

Store at 4C in the dark.

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NBA1-21302**Mouse IgG1 Kappa Light Chain Isotype Control**

Product Information	
Unit Size	0.2 ml
Concentration	1.0 mg/ml
Storage	Store at 4C in the dark.
Clonality	Polyclonal
Preservative	0.1% Sodium Azide
Isotype	IgG1 Kappa
Purity	Immunogen affinity purified
Buffer	PBS.

Product Description	
Description	This Mouse IgG1 Kappa immunoglobulin is useful as an isotype control for Mouse IgG1 Kappa antibody.
Host	Mouse
Species	Mouse
Specificity/Sensitivity	By immunoelectrophoresis the IgG1 was shown to 1) react with antiserum specific for mouse IgG1, 2) not react with antiserum specific for other immunoglobulins, and 3) produce a single precipitin arc with antiserum against mouse serum identical to that produced with anti-IgG1.
Notes	Protein concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.

Product Application Details	
Application Notes	Useful as a positive control in immunoassays. Use the isotype control at the same concentration as the experimental antibody. Optimal dilution of this antibody should be experimentally determined.

Publications

Rubin RL, Hermanson TM, Bedrick EJ et al. Effect of cigarette smoke on autoimmunity in murine and human systemic lupus erythematosus. *Toxicol Sci* 2005-09-01 [PMID: 15947027]

Laszik ZG, Zhou XJ, Ferrell GL et al. Down-regulation of endothelial expression of endothelial cell protein C receptor and thrombomodulin in coronary atherosclerosis. *Am J Pathol* 2001-09-01 [PMID: 11549570]

Zhou XJ, Laszik Z, Wang XQ et al. Association of renal injury with increased oxygen free radical activity and altered nitric oxide metabolism in chronic experimental hemosiderosis. *Lab Invest* 2000-12-01 [PMID: 11140702]

Fernando GJ, Stenzel DJ, Tindle RW et al. Peptide polymerisation facilitates incorporation into ISCOMs and increases antigen-specific IgG2a production. *Vaccine* 13 1460-1467. 1995-01-01 [PMID: 8578827]





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.

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