

# Product Datasheet

## Mouse IgA Antibody (LO-MA-7) - BSA Free NBP1-42335

Unit Size: 0.2 ml

Store at -20C. Avoid freeze-thaw cycles.

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



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

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**NBP1-42335**

Mouse IgA Antibody (LO-MA-7) - BSA Free

**Product Information**

<b>Unit Size</b>	0.2 ml
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	LO-MA-7
<b>Preservative</b>	0.1% Sodium Azide
<b>Isotype</b>	IgM Kappa
<b>Purity</b>	IgM purified
<b>Buffer</b>	PBS

**Product Description**

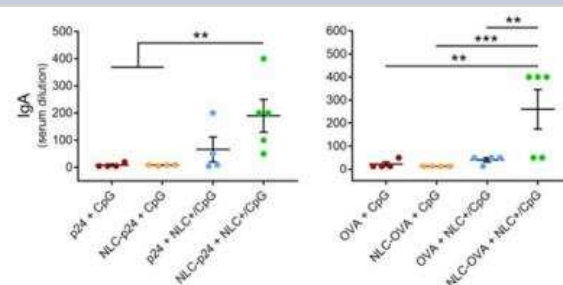
<b>Host</b>	Rat
<b>Species</b>	Mouse
<b>Specificity/Sensitivity</b>	Mouse alpha heavy chain of immunoglobulin (determined by immunodot), avidity on IgA: $4.8 \times 10^9$ M <sup>-1</sup> .
<b>Immunogen</b>	Mouse IgA

**Product Application Details**

<b>Applications</b>	ELISA, Immunohistochemistry, Immunohistochemistry-Frozen
<b>Recommended Dilutions</b>	ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500

**Images**

ELISA: Mouse IgA Antibody (LO-MA-7) [NBP1-42335] - Humoral response in mice following immunization with 5 ug of p24 and 10 ug of OVA in combination with 10 ug of CpG formulations. IgA isotypes were analyzed and are expressed as the highest serum dilution giving an absorbance of more than three times the background. Each point represents an individual mouse, horizontal bars represent the mean for the group and vertical bars indicate the standard error of the mean. Data were compared between groups using a 1-way ANOVA test followed by a Fisher's protected least significant difference test. \*\*\*p < 0.001; \*\*p < 0.01. Image collected and cropped by CiteAb from the following publication (<https://www.nature.com/articles/s41541-018-0086-0>) licensed under a CC-BY license.

**Publications**

Bayon E, Morlieras J, Dereuddre-Bosquet N et al. Overcoming immunogenicity issues of HIV p24 antigen by the use of innovative nanostructured lipid carriers as delivery systems: evidences in mice and non-human primates. NPJ Vaccines. 2018-10-01 [PMID: 30302284] (ELISA, Mouse)



### **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

### **Products Related to NBP1-42335**

HAF005	Goat anti-Rat IgG Secondary Antibody [HRP]
F0105B	Goat anti-Rat IgG Secondary Antibody [Phycoerythrin]
NBP1-43320-0.5mg	Rat IgM Kappa Light Chain Isotype Control (eBRM)

### **Limitations**

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

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