

# Product Datasheet

## HLA D Antibody (7.5.10.1)

### NBP1-50091

Unit Size: 1 ml

Store at 4C. Do not freeze.

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



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

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP1-50091](http://www.novusbio.com/NBP1-50091)

Updated 9/9/2025 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/NBP1-50091](http://www.novusbio.com/reviews/destination/NBP1-50091)



**NBP1-50091**

HLA D Antibody (7.5.10.1)

<b>Product Information</b>	
<b>Unit Size</b>	1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	7.5.10.1
<b>Preservative</b>	0.01% Sodium Azide
<b>Isotype</b>	IgG2a
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	PBS, 0.1% BSA
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse HLA D Antibody (7.5.10.1) (NBP1-50091) is a monoclonal antibody validated for use in ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	3117
<b>Gene Symbol</b>	HLA-DQA1
<b>Species</b>	Human, Canine
<b>Specificity/Sensitivity</b>	The antibody detects the molecules of the HLA-DR, DP and DQ loci. It inhibits the mixed lymphocyte culture. It also reacts with MHC class II molecules of various animals and is a useful tool for studies with dogs.
<b>Immunogen</b>	The antibody reacts with a monomorphic determinant on MHC class II, HLA-D region molecules.
<b>Product Application Details</b>	
<b>Applications</b>	Immunocytochemistry/ Immunofluorescence
<b>Recommended Dilutions</b>	Immunocytochemistry/ Immunofluorescence 1:5
<b>Application Notes</b>	The antibody is useful for the identification of HLA-D positive molecules using either microcytotoxicity testing or immunofluorescence/immunoperoxidase procedures. Furthermore, it was found useful for studies on functional aspects of MHC class II molecules. For use in regular immunofluorescence and microcytotoxicity methods, dilution of 1:5, preferably in PBS plus 1% BSA and 0.01% sodium azide is advised. See for advised methods instructions A and B.



### **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 NBP1-50091**

---

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
210-TA-005	TNF-alpha [Unconjugated]

---

### **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.

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/NBP1-50091](http://www.novusbio.com/reviews/submit/NBP1-50091)

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

