

# Product Datasheet

## DUX4 Antibody (P4H2) [Alexa Fluor® 488] NBP1-49552AF488

Unit Size: 0.1 ml

Store at 4C in the dark.

[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/NBP1-49552AF488](http://www.novusbio.com/NBP1-49552AF488)

Updated 10/12/2017 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/NBP1-49552AF488](http://www.novusbio.com/reviews/destination/NBP1-49552AF488)



**NBP1-49552AF488**

DUX4 Antibody (P4H2) [Alexa Fluor® 488]

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	P4H2
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1
<b>Conjugate</b>	Alexa Fluor 488
<b>Purity</b>	Protein G purified
<b>Buffer</b>	50mM Sodium Borate
<b>Target Molecular Weight</b>	52 kDa
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	100288687
<b>Gene Symbol</b>	DUX4
<b>Species</b>	Human
<b>Reactivity Notes</b>	Human
<b>Specificity/Sensitivity</b>	This antibody is specific for DUX4 and does not recognize DUX4c.
<b>Immunogen</b>	Synthetic peptide corresponding to the C-terminus of human DUX4. [Swiss-Prot# Q9UBX2]



<b>Notes</b>	<p>Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. This product is provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or <a href="mailto:outlicensing@lifetech.com">outlicensing@lifetech.com</a>. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.</p>
--------------	--

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen
<b>Application Notes</b>	<p>This DUX4 antibody is useful for Immunocytochemistry/Immunofluorescence, Immunohistochemistry frozen sections, Immunohistochemistry paraffin embedded sections and Western Blot. In Western blot, a band can be seen at ~52 kDa. The observed molecular weight of the protein may vary from the listed predicted molecular weight due to post translational modifications, post translation cleavages, relative charges, and other experimental factors.</p>



### **Novus Biologicals USA**

8100 Southpark Way, A-8  
Littleton, CO 80120  
USA

Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
novus@novusbio.com

### **Novus Biologicals Canada**

461 North Service Road West, Unit B37  
Oakville, ON L6M 2V5  
Canada

Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada@novusbio.com

### **Novus Biologicals Europe**

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@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: technical@novusbio.com  
Orders: orders@novusbio.com  
General: novus@novusbio.com

### **Products Related to NBP1-49552AF488**

---

DDXCM01A488	Mouse IgG1 Isotype Control [Alexa Fluor® 488]
NBP1-49552AF647	DUX4 Antibody (P4H2) [Alexa Fluor® 647]
NBP2-58595PEP	DUX4 Recombinant Protein Antigen
NBP2-05913	DUX4 Overexpression Lysate (Native)

---

### **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/NBP1-49552AF488](http://www.novusbio.com/reviews/submit/NBP1-49552AF488)

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

