

# Product Datasheet

## EGFR Antibody (DH8.3) [FITC] - Mutant NBP2-50599F

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/NBP2-50599F](http://www.novusbio.com/NBP2-50599F)

Updated 7/11/2023 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/NBP2-50599F](http://www.novusbio.com/reviews/destination/NBP2-50599F)



**NBP2-50599F**

EGFR Antibody (DH8.3) [FITC] - Mutant

<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>	DH8.3
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1
<b>Conjugate</b>	FITC
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	1956
<b>Gene Symbol</b>	EGFR
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	Clone DH8.3 of EGF R/ErbB1 antibody is specific for Truncated EGFR which is also called EGFR type III, EGFRvIII or delta-EGFR (characterised by a deletion of 267 amino acids in the extracellular domain, leading to a receptor which is unable to bind ligand yet is constitutively active). Because of its impaired internalisation and degradation, EGFRvIII is known to enhance tumourigenesis. NOTE: Clone DH8.3 DOES NOT cross-react with full length or wildtype EGFR (wtEGFR).
<b>Immunogen</b>	Synthetic peptide corresponding to the junctional region of the truncated receptor LEEKKGNYVVDHC, conjugated to keyhole limpet haemocyanin.
<b>Notes</b>	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.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Flow Cytometry, Immunohistochemistry, Immunoprecipitation, CyTOF-ready
<b>Recommended Dilutions</b>	Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Immunoprecipitation, CyTOF-ready
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.

## Images

Product Image: EGFR Antibody (DH8.3) [FITC] - Mutant [NBP2-50599F]  
- Vial of FITC conjugated antibody. FITC is optimally excited at 498 nm by the Blue laser (488 nm) and has an emission maximum of 519 nm.



FITC

LASER (nm)	FILTER
Blue (488)	525/50

EXCITATION MAX (nm)	EMISSION MAX (nm)
498	519



### **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  
novus@novusbio.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: technical@novusbio.com  
Orders: orders@novusbio.com  
General: novus@novusbio.com

### **Products Related to NBP2-50599F**

---

NBP1-96849	Mouse IgG1 Isotype Control (MG1) [FITC]
NBP1-84815PEP	EGFR Recombinant Protein Antigen
236-EG-200	EGF [Unconjugated]
DYC1095B-2	EGFR [Biotin]

---

### **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/NBP2-50599F](http://www.novusbio.com/reviews/submit/NBP2-50599F)

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

