# **Product Datasheet**

# EGFR Antibody (DH8.3) [Alexa Fluor® 532] - Mutant NBP2-50599AF532

Unit Size: 0.1 ml

Store at 4C in the dark.

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## NBP2-50599AF532

EGFR Antibody (DH8.3) [Alexa Fluor® 532] - Mutant

also called EGFR type III, EGFRVIII or delta-EGFR (characterised by a deletior 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).  Immunogen  Synthetic peptide corresponding to the junctional region of the truncated recept LEEKKGNYVVTDHC,conjugated to keyhole limpet haemcyanin.  Notes  Alexa Fluor (R) products are provided under an intellectual property license fro 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 ar academic or for-profit entity). The sale of this product is expressly conditioned 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 outlicensing@lifetech.com. This conjugate is made on	EGFR Antibody (DHo.3) [Alexa F	1001® 532] - Mutant	
Concentration Please see the vial label for concentration. If unlisted please contact technical services. Storage Store at 4C in the dark. Clonality Monoclonal Clone DH8.3 Preservative 0.05% Sodium Azide Isotype IgG1 Conjugate Alexa Fluor 532 Purity Protein G purified Buffer 50mM Sodium Borate Product Description Host Mouse Gene ID 1956 Gene Symbol EGFR Species Human Specificity/Sensitivity 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 deletior of 257 amino acids in the extracellular domain, leading to a receptor which is unable to bind ligand yet is constitutively active), Because of its impaired intermalisation and degradation, EGFRVIII is whown to enhance tumourigenesis NOTE: Clone DH8.3 DOES NOT cross-react with full length or wildtype EGFR (WEGFR).  Immunogen Synthetic peptide corresponding to the junctional region of the truncated recept LEEKKGNVVTDHC, conjugated to keyhole limpet haemcyanin. Notes Alexa Fluor (R) products are provided under an intellectual property license fro 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 or for-profit entity). The sale of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using 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 other them as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA no utilizensing @lifetech com . This conjugate is made on demand. Actual recovery may vary from the stated volume of this prod	Product Information		
Storage Store at 4C in the dark.  Clonality Monoclonal  Clone DH8.3  Preservative 0.05% Sodium Azide  Isotype IgG1  Conjugate Alexa Fluor 532  Purity Protein G purified  Buffer 50mM Sodium Borate  Product Description  Host Mouse  Gene ID 1956  Gene Symbol EGFR  Specificity/Sensitivity 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 delettor 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 (WEGFR).  Immunogen Synthetic peptide corresponding to the junctional region of the truncated recept LEEKKGNYVYTDHC, conjugated to keyhole limpet haemcyanin.  Notes Alexa Fluor (R) products are provided under an intellectual property license fro 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 expressly conditioned in the product or its components, or any materials made using include, but is not limited to use of the product or its components, or any materials made using 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 usposes of the information on purchasing of unclease to this product for usposes of the product. The volume will be greater than or equal to the unit size stated on the datasheet.  Product Application Details  Applications	Unit Size	0.1 ml	
Clone DH8.3  Preservative 0.05% Sodium Azide  Isotype IgG1  Conjugate Alexa Fluor 532  Purity Protein G purified  Buffer 50mM Sodium Borate  Product Description  Host Mouse  Gene ID 1956  Gene Symbol EGFR  Species Human  Specificity/Sensitivity 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 deletior 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 turmourigenesis NOTE: Clone DH8.3 DOES NOT cross-react with full length or wildtype EGFR (wteGFR).  Immunogen Synthetic peptide corresponding to the junctional region of the truncated recept LEEKKGNYVYTDHC, conjugated to keyhole limpet haemcyanin.  Notes Alexa Fluor (R) products are provided under an intellectual property license fro 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 components; of the product on its components; of in product of the sorpessly conditioned in the buyer not using the product or its components; of 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 informatic on purchasing a license to this product or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For informatic on purchasing a license to this product or, brigate 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.	Concentration	·	
Preservative   DH8.3	Storage	Store at 4C in the dark.	
Preservative   1,00% Sodium Azide	Clonality	Monoclonal	
Isotype   IgG1   Conjugate   Alexa Fluor 532	Clone	DH8.3	
Protein G purified	Preservative	0.05% Sodium Azide	
Purity Protein G purified  Buffer 50mM Sodium Borate  Product Description  Host Mouse  Gene ID 1956  Gene Symbol EGFR  Species Human  Specificity/Sensitivity Clone DH8.3 of EGF R/ErbB1 antibody is specific for Truncated EGFR which is also called EGFR type III, EGFR/III or delta-EGFR (characterised by a deletior 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, EGFR/III is known to enhance tumourigenesis NOTE: Clone DH8.3 DOES NOT cross-react with full length or wildtype EGFR (wEGFR).  Immunogen Synthetic peptide corresponding to the junctional region of the truncated recept LEEKKGNYVVTDHC, conjugated to keyhole limpet haemcyanin.  Notes Alexa Fluor (R) products are provided under an intellectual property license fro Life Technologies Corporation. The purchased product conveys to the buyer the non-transferable right to use the purchased product and components of the product or for-profit entity). The sale of this product is expressly conditioned 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 outlicensing@lifetech.com. 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.	Isotype	IgG1	
Product Description	Conjugate	Alexa Fluor 532	
Product Description  Host Mouse  Gene ID 1956  Gene Symbol EGFR  Species Human  Specificity/Sensitivity 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 deletior 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).  Immunogen Synthetic peptide corresponding to the junctional region of the truncated recept LEEKKGNYVVTDHC, conjugated to keyhole limpet haemcyanin.  Notes Alexa Fluor (R) products are provided under an intellectual property license fro 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 a academic or for-profit entity). The sale of this product is expressly conditioned of the buyer not using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials on purchasing a license to this product for 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; 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 in the than as described abo	Purity	Protein G purified	
Host Mouse  Gene ID 1956  Gene Symbol EGFR  Species Human  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 deletior 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).  Immunogen Synthetic peptide corresponding to the junctional region of the truncated recept LEKKGNYVVTDHC, conjugated to keyhole limpet haemcyanin.  Notes Alexa Fluor (R) products are provided under an intellectual property license fro 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 in 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 informatic 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 outlicensing@lifetech.com. 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.  Product Application Details	Buffer	50mM Sodium Borate	
Gene ID  Gene Symbol  EGFR  Species  Human  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).  Immunogen  Synthetic peptide corresponding to the junctional region of the truncated recept LEEKKGNYVVTDHC, conjugated to keyhole limpet haemcyanin.  Notes  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; (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 outlicensing@lifetech.com. 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.  Product Application Details  Applications  Western Blot, ELISA, Flow Cytometry, Immunohistochemistry,	Product Description		
Species	Host	Mouse	
Specificity/Sensitivity  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 deletior 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).  Immunogen  Synthetic peptide corresponding to the junctional region of the truncated recept LEEKKGNYVYTDHC, conjugated to keyhole limpet haemcyanin.  Notes  Alexa Fluor (R) products are provided under an intellectual property license fro 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 at academic or for-profit entity). The sale of this product is expressly conditioned of the buyer not using the product or its components, or any materials made using 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 outlicensing@lifetech.com. 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.  Product Application Details  Applications	Gene ID	1956	
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LEEKKGNYVVTDHC,conjugated to keyhole limpet haemcyanin.  Alexa Fluor (R) products are provided under an intellectual property license fro 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 of 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 outlicensing@lifetech.com. 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.  Product Application Details  Western Blot, ELISA, Flow Cytometry, Immunohistochemistry,	Specificity/Sensitivity	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	
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 of 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 outlicensing@lifetech.com. 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.  Product Application Details  Western Blot, ELISA, Flow Cytometry, Immunohistochemistry,	Immunogen	Synthetic peptide corresponding to the junctional region of the truncated receptor LEEKKGNYVVTDHC, conjugated to keyhole limpet haemcyanin.	
Applications Western Blot, ELISA, Flow Cytometry, Immunohistochemistry,	Notes	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 outlicensing@lifetech.com. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The	
	Product Application Details		
	Applications		



	Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Immunoprecipitation, CyTOF-ready
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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General: novus@novusbio.com

## Products Related to NBP2-50599AF532

NBP1-97005AF532 Mouse IgG1 Isotype Control (MG1) [Alexa Fluor® 532]

NBP2-52952PEP 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.

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