

Product Datasheet

EGFR [p Tyr1173] Antibody (EM-13) [Alexa Fluor® 488] NBP1-44893AF488

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP1-44893AF488

EGFR [p Tyr1173] Antibody (EM-13) [Alexa Fluor® 488]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	EM-13
Preservative	0.05% Sodium Azide
Isotype	IgG1
Conjugate	Alexa Fluor 488
Purity	Protein A purified
Buffer	50mM Sodium Borate

Product Description	
Host	Mouse
Gene ID	1956
Gene Symbol	EGFR
Species	Human
Specificity/Sensitivity	The antibody EM-13 reacts with human EGFR (ErbB1 / HER1) phosphorylated on tyrosine 1173.
Immunogen	Synthetic phospho-peptide covering sequence around tyrosine 1173 of human EGFR.
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, 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	
Applications	Western Blot, Flow Cytometry, Flow (Intracellular), Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Western Blot, Flow Cytometry, Immunoprecipitation, Flow (Intracellular), CyTOF-ready



Application Notes

Optimal dilution of this antibody should be experimentally determined.

Publications

Wirth, D;Özdemir, E;Hristova, K; Quantification of ligand and mutation-induced bias in EGFR phosphorylation in direct response to ligand binding Nature communications 2023-11-21 [PMID: 37989743]

Wirth D, Özdemir E, Hristova K Quantification of ligand and mutation-induced bias in EGFR phosphorylation in direct response to ligand binding bioRxiv 2023-02-14





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Products Related to NBP1-44893AF488

DDXCM01A488	Mouse IgG1 Isotype Control [Alexa Fluor® 488]
NBP2-52953PEP	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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