

# Product Datasheet

## EGFR Antibody (B1D8) [Alexa Fluor® 405] NBP2-34553AF405

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-34553AF405**

EGFR Antibody (B1D8) [Alexa Fluor® 405]

| 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               | B1D8  |
| Preservative        | 0.05% Sodium Azide  |
| Isotype             | IgG2a Kappa   |
| Conjugate           | Alexa Fluor 405   |
| Purity              | Protein A or G purified   |
| Buffer              | 50mM Sodium Borate  |

| Product Description     |  |
|-------------------------|--|
| Host                    | Mouse  |
| Gene ID                 | 1956   |
| Gene Symbol             | EGFR   |
| Species                 | Human, Mouse (Negative), Rat (Negative)  |
| Reactivity Notes        | Does not react with Mouse or Rat.  |
| Specificity/Sensitivity | This antibody reacts with the extracellular domain of EGFR and blocks the EGF/TGF-induced activation. It also blocks tumor growth in vivo. It is excellent for purification of EGFR. EGFR is type I receptor tyrosine kinase with sequence homology to erbB-1, -2, -3 -4 or HER-1, -2, -3 -4. It binds to Epidermal Growth Factor (EGF), Transforming Growth Factor- $\alpha$ (TGF- $\alpha$ ), Heparin-binding EGF (HB-EGF), amphiregulin, betacellulin and epiregulin.   |
| Immunogen               | Microsomes from A431 cells.  |
| 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 <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. |

| Product Application Details |  |
|-----------------------------|--|
| Applications                | Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunoaffinity Purification, CyTOF-ready |



**Recommended Dilutions**

Flow Cytometry, Immunocytochemistry/ Immunofluorescence,  
Immunoprecipitation, Immunoaffinity Purification, CyTOF-ready





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### **Products Related to NBP2-34553AF405**

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|                 |   |
|-----------------|---|
| NBP1-96981AF405 | Mouse IgG2a Kappa Isotype Control (M2AK) [Alexa Fluor® 405] |
| NBP1-84815PEP   | EGFR Recombinant Protein Antigen                            |
| 236-EG-200      | EGF [Unconjugated]  |
| DYC1095B-2      | EGFR [Biotin]   |

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### **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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