

# Product Datasheet

## GFP Antibody [FITC] NB600-308F

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB600-308F**

GFP Antibody [FITC]

| 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               | Polyclonal   |
| Preservative            | 0.05% Sodium Azide   |
| Isotype                 | IgG  |
| Conjugate               | FITC   |
| Purity                  | Immunogen affinity purified  |
| Buffer                  | PBS  |
| Product Description     |  |
| Host                    | Rabbit   |
| Species                 | Non-species specific   |
| Reactivity Notes        | No reaction was observed against Human, Mouse serum proteins. Suitable for detecting fusion proteins containing the GFP sequence expressed in Human, Mouse, Rat, C. elegans, Drosophila and in vitro transcription/translation systems and transgenic animals. Known cross reactivity with wt and all variants such as rGFP, eGFP, S65T-GFP, RS-GFP, YFP and EGFP.<br><br>GFP Transgenic Rat reactivity reported in scientific literature (PMID:25724725).<br><br>Mouse reactivity reported in multiple pieces of scientific literature.<br><br>Transgenic C. elegans reactivity reported in scientific literature (PMID: 27110099).<br><br>Use in Mouse reported in scientific publication (PMID: 32765228).<br><br>Plant reactivity reported in scientific literature (PMID:32896843)  |
| Specificity/Sensitivity | No reaction was observed against Human, Mouse or Rat serum proteins.   |
| Immunogen               | The immunogen is a Green Fluorescent Protein (GFP) fusion protein corresponding to the full length amino acid sequence (246aa) derived from the jellyfish Aequorea victoria.   |
| 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  |   |
|------------------------------|---|
| <b>Applications</b>          | Western Blot, Dot Blot, ELISA, Electron Microscopy, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation, Immunohistochemistry Free-Floating, Immunohistochemistry Whole-Mount, Knockdown Validated |
| <b>Recommended Dilutions</b> | Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Dot Blot, Electron Microscopy, Immunohistochemistry Free-Floating, Immunohistochemistry Whole-Mount, Knockdown Validated |
| <b>Application Notes</b>     | Optimal dilution of this antibody should be experimentally determined.  |



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### **Products Related to NB600-308F**

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|                |                                   |
|----------------|-----------------------------------|
| NBP2-24892     | Rabbit IgG Isotype Control [FITC] |
| NB100-56401PEP | GFP Antibody Blocking Peptide     |
| NBC1-22949     | Recombinant GFP Protein           |

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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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