

# Product Datasheet

## GFP Antibody [Alexa Fluor™ Plus 555] NB600-308AFP555

Unit Size: 0.1 ml

Store at 4C in the dark.

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Updated 4/12/2026 v.20.1

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**NB600-308AFP555**

GFP Antibody [Alexa Fluor™ Plus 555]

| <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>               | Polyclonal   |
| <b>Preservative</b>            | 0.05% Sodium Azide   |
| <b>Isotype</b>                 | IgG  |
| <b>Conjugate</b>               | Alexa Fluor Plus 555   |
| <b>Purity</b>                  | Immunogen affinity purified  |
| <b>Buffer</b>                  | 50mM Sodium Borate   |
| <b>Product Description</b>     |  |
| <b>Host</b>                    | Rabbit   |
| <b>Species</b>                 | Non-species specific   |
| <b>Reactivity Notes</b>        | 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)  |
| <b>Specificity/Sensitivity</b> | No reaction was observed against Human, Mouse or Rat serum proteins.   |
| <b>Immunogen</b>               | 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.   |
| <b>Notes</b>                   | This product is provided under an intellectual property license from Life Technologies Corporation. The transfer of this product is conditioned on the buyer using the purchased product solely in research conducted by the buyer, excluding contract research or any fee for service research, and the buyer must not (1) use this product or its components for (a) diagnostic, therapeutic or prophylactic purposes; (b) testing, analysis or screening services, or information in return for compensation on a per-test basis; or (c) manufacturing or quality assurance or quality control, and/or (2) sell or transfer this product or its components for resale, whether or not 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, 5781 Van Allen Way, Carlsbad, CA 92008 USA or <a href="mailto:outlicensing@thermofisher.com">outlicensing@thermofisher.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**

|                              |   |
|------------------------------|---|
| <b>Applications</b>          | Western Blot, Immunohistochemistry-Paraffin, Dot Blot, ELISA, Electron Microscopy, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, 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 NB600-308AFP555**

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|                |                               |
|----------------|-------------------------------|
| 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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