

# Product Datasheet

## GFP Antibody [Janelia Fluor® 549] NB600-308JF549

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB600-308JF549**

GFP Antibody [Janelia Fluor® 549]

**Product Information**

<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>	Janelia Fluor 549
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	50mM Sodium Borate

**Product Description**

<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.   GFP Transgenic Rat reactivity reported in scientific literature (PMID:25724725).  Mouse reactivity reported in multiple pieces of scientific literature.  Transgenic C. elegans reactivity reported in scientific literature (PMID: 27110099).  Use in Mouse reported in scientific publication (PMID: 32765228).   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 <i>Aequorea victoria</i> .
<b>Notes</b>	Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.

**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 NB600-308JF549

NBP2-24891JF549	Rabbit IgG Isotype Control [Janelia Fluor 549]
NB100-56401PEP	GFP Antibody Blocking Peptide
NBC1-22949	Recombinant GFP Protein

## 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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