

# Product Datasheet

## GFP Antibody NB600-310

Unit Size: 0.05 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**NB600-310****GFP Antibody**

<b>Product Information</b>	
<b>Unit Size</b>	0.05 ml
<b>Concentration</b>	0.25 mg/ml
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	10mM Tris (pH 8.0)
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Species</b>	Mouse, All Species
<b>Reactivity Notes</b>	Mouse reactivity reported in scientific literature (PMID: 30250150). Reacts against all variants of recombinant Aequorea GFP. However, there is little to no reactivity with Renilla GFP.
<b>Immunogen</b>	Highly purified native GFP Aequorea victoria.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Simple Western, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
<b>Recommended Dilutions</b>	Western Blot 1:1000-1:5000, Simple Western 1:50, ELISA 1:2000-1:10000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:50-1:200, Immunohistochemistry-Frozen
<b>Application Notes</b>	<p>This GFP antibody is useful for Immunocytochemistry/Immunofluorescence, Western blot and ELISA.</p> <p>In Simple Western only 10 - 15 uL of the recommended dilution is used per data point. Separated by Size-Wes, Sally Sue/Peggy Sue. Use in Immunohistochemistry-Frozen reported in scientific literature (PMID: 30250150).</p>

## Publications

Kanisicak O, Khalil H, Ivey M et al. Genetic lineage tracing defines myofibroblast origin and function in the injured heart Nature Communications 2016-07-22 [PMID: 27447449] (WB, Mouse)

Anderson SE, Han WM, Srinivasa V et al. Determination of a Critical Size Threshold for Volumetric Muscle Loss in the Mouse Quadriceps. Tissue Eng Part C Methods 2019-01-16 [PMID: 30648479] (ICC/IF, Jellyfish)

Aydin M, Yigit E, Vatandaslar E et al. Transfer and Integration of Breast Milk Stem Cells to the Brain of Suckling Pups Sci Rep 2018-11-13 [PMID: 30250150] (IHC-Fr, Mouse)

### Details:

Using the Azide and BSA Free form of this antibody.

Buensuceso RNC, Daniel-Ivad M, Kilmury SLN et al. Cyclic AMP-Independent Control of Twitching Motility in Pseudomonas aeruginosa J. Bacteriol. 2017-08-15 [PMID: 28583947] (WB)

Bouchard C, Anderson PA. Immunolocalization of a Voltage-Gated Calcium Channel beta Subunit in the Tentacles and Cnidocytes of the Portuguese Man-of-War, Physalia physalis Biol. Bull. 2014-12-01 [PMID: 25572213]

Hernaez B, Cabezas M, Munoz-Moreno R et al. A179L, a New Viral Bcl2 Homolog Targeting Beclin 1 Autophagy Related Protein. Curr Mol Med 2013-02-01 [PMID: 23228131] (ICC/IF, Firefly)





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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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