

Product Datasheet

GFP Antibody [Biotin] NB100-1365

Unit Size: 0.05 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NB100-1365

GFP Antibody [Biotin]

Product Information	
Unit Size	0.05 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Isotype	IgG
Conjugate	Biotin
Purity	Immunogen affinity purified
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free

Product Description	
Description	<p>For extended storage aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room</p> <p>This antibody was prepared from monospecific antiserum by immunoaffinity chromatography using Green Fluorescent Protein (<i>Aequorea victoria</i>) coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit Serum, anti-Biotin and purified and partially purified Green Fluorescent Protein (<i>Aequorea victoria</i>)</p>
Host	Rabbit
Species	Non-species specific
Reactivity Notes	Reactive against all variants of <i>Aequorea victoria</i> GFP such as S65T-GFP, RS-GFP, YFP and EGFP.
Immunogen	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> .

Product Application Details	
Applications	Western Blot, Simple Western, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:2000-1:10000, Simple Western, ELISA 1:10000-1:50000, Immunohistochemistry 1:1000-1:5000, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	Biotin Conjugated GFP Antibody is suitable for immunoblotting, ELISA, immunohistochemistry, immunomicroscopy as well as other antibody based assays using streptavidin or avidin conjugates requiring lot-to-lot consistency.

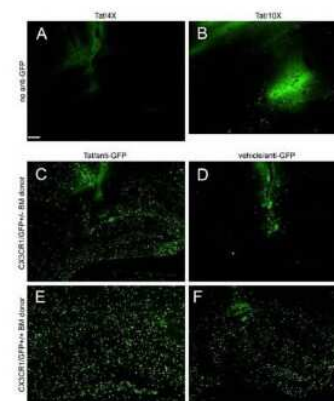


Images

Western Blot: GFP Antibody [Biotin] [NB100-1365] - Western Blot of GFP antibody [Biotin]. Lane 1: 50ng of GFP. Lane 2: none. Primary antibody: none. Secondary antibody: Anti-GFP Antibody Biotin Conjugated secondary antibody was used at 1:5000 in Blocking Buffer for Fluorescent Western Blotting for 45 min at RT. HRP Streptavidin was used at 1:40,000 in blocking buffer for 30 min at 20C. Block: 5% Blotto 30 min at 20C. Predicted/Observed size: 28 kDa for GFP. Other band(s): none.



Immunocytochemistry/Immunofluorescence: GFP Antibody [Biotin] [NB100-1365] - Immuno-Fluorescence of GFP antibody [Biotin]. Biotin mouse anti GFP used 1:5000 As referenced in:



Publications

Zangar RC, Daly DS, White AM et al. ProMAT calibrator: A tool for reducing experimental bias in antibody microarrays J Proteome Res 2009-08-01 [PMID: 19618941]

Details:

This citation used the Biotin version of this antibody.



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Products Related to NB100-1365

NBP2-29370	Streptavidin Native Protein
NBP2-24891B	Rabbit IgG Isotype Control [Biotin]
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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