

Product Datasheet

GFP Antibody [Rhodamine]

NBP1-97327-500ug

Unit Size: 500 ug

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

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NBP1-97327-500ug

GFP Antibody [Rhodamine]

Product Information	
Unit Size	500 ug
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	Rhodamine
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>GFP Rhodamine Conjugated 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-Goat Serum and purified and partially purified Green Fluorescent Protein (<i>Aequorea victoria</i>) Serum Stabilizer: 10 mg/ml Bovine Serum Albumin (BSA)-Immunoglobulin and Protease free Color: Red Excitation Wavelength: 550 Emission Wavelength: 570 Conjugation Chemistry: Isothiocyanate</p>
Host	Goat
Species	Non-species specific
Reactivity Notes	No reaction was observed against Human, or Rat serum proteins. Known Cross Reactivity: rGFP. YFP differs from GFP due to a mutation at Thr203Tyr; antibodies raised against full-length GFP should also detect YFP and other variants. Reactivity in transgenic mice with GFP. Reactivity in human cell lines transfected with a GFP construct.
Specificity/Sensitivity	No reaction was observed against Human, Mouse and Rat Serum Proteins.
Immunogen	Recombinant Green Fluorescent Protein (GFP) fusion protein corresponding to the full length amino acid sequence (246aa) derived from the jellyfish <i>Aequorea victoria</i> . (Uniprot: P42212)

Product Application Details	
Applications	Western Blot, Fluorophore-linked immunosorbent assay, Immunocytochemistry/ Immunofluorescence, Knockdown Validated, Knockout Validated
Recommended Dilutions	Western Blot 1:100 - 1:2000, Immunocytochemistry/ Immunofluorescence 1:500-1:2500, Fluorophore-linked immunosorbent assay 1:100 - 1:2000, Knockout Validated, Knockdown Validated



Application Notes

This product has been tested by dot blot and western blot and is useful in immunofluorescence microscopy, fluorescence based plate assays (FLISA) and fluorescent western blotting. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms.





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Products Related to NBP1-97327-500ug

NBP1-96915	Goat IgG Isotype Control [Rhodamine]
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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