

Product Datasheet

R-Phycoerythrin Antibody NBP2-53126-0.5mg

Unit Size: 0.5 mg

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

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NBP2-53126-0.5mg**R-Phycoerythrin Antibody**

Product Information	
Unit Size	0.5 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
Purity	Immunogen affinity purified
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Target Molecular Weight	17.75 kDa
Product Description	
Host	Goat
Species	Non-species specific
Reactivity Notes	Cross reactivity with other phycobiliproteins has not been tested.
Specificity/Sensitivity	This antibody will cross react with B-Phycoerythrin. Reactivity with other phycobiliproteins is unknown.
Immunogen	This affinity purified R-Phycoerythrin Antibody was prepared from whole goat serum produced by repeated immunizations with highly purified R-Phycoerythrin from the seaweed gracilaria. (Uniprot: Q7SIG0)
Notes	This product was prepared from monospecific antiserum by immunoaffinity chromatography using a R-Phycoerythrin 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 R-Phycoerythrin conjugated IgG. Store vial at 4C prior to opening. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use. Aliquot contents and freeze at -20C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry
Recommended Dilutions	Western Blot 1:2000-1:10000, ELISA 1:20000, Immunohistochemistry 1:1000-1:5000
Application Notes	Suitable for ELISA, western blotting, fluorescent assays, immunoprecipitation, immunodiffusion, conjugation to magnetic particles (beads) and most other immunological methods requiring lot-to-lot consistency, high titer and specificity. Although not specifically tested, this reagent should also be useful for FACS and other fluorescent immunoassays. R-Phycoerythrin (240 kDa) is a labile molecule that may dissociate into components upon exposure to reducing or denaturing agents. Reaction with low molecular fragments is typically noted by western blot.





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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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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