

# Product Datasheet

## Rhodopsin Antibody (1D4) [Alexa Fluor® 405] NBP1-47602AF405

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP1-47602AF405**

Rhodopsin Antibody (1D4) [Alexa Fluor® 405]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	1D4
Preservative	0.05% Sodium Azide
Isotype	IgG1
Conjugate	Alexa Fluor 405
Purity	Protein G purified
Buffer	50mM Sodium Borate

Product Description	
Host	Mouse
Gene ID	6010
Gene Symbol	RHO
Species	Human, Mouse, Bovine, Vertebrate
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 28672005).
Specificity/Sensitivity	Detects ~40kDa. Recognizes Rhodopsin (native and recombinant forms). No known reactivity to other proteins. Binds specifically to the C-terminal epitope -T-E-T-S-Q-V-A-P-A-(COOH).
Immunogen	Bovine Rhodopsin
Notes	Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or <a href="mailto:outlicensing@lifetech.com">outlicensing@lifetech.com</a> . This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.

Product Application Details	
Applications	ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin





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### **Products Related to NBP1-47602AF405**

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NBP1-97005AF405	Mouse IgG1 Isotype Control (MG1) [Alexa Fluor® 405]
NBP1-47602AF700	Rhodopsin Antibody (1D4) [Alexa Fluor® 700]
NBP2-55553PEP	Rhodopsin Recombinant Protein Antigen
664-LI-025	LIGHT/TNFSF14 [Unconjugated]

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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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