

Product Datasheet

Clathrin light chain Antibody (CON.1) [Alexa Fluor® 405] NB600-1520AF405

Unit Size: 0.1 ml

Store at 4C in the dark.

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NB600-1520AF405

Clathrin light chain Antibody (CON.1) [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	CON.1
Preservative	0.05% Sodium Azide
Isotype	IgG2b
Conjugate	Alexa Fluor 405
Purity	Protein A or G purified
Buffer	50mM Sodium Borate
Product Description	
Host	Mouse
Gene ID	1211
Gene Symbol	CLTA
Species	Human, Mouse, Rat, Bovine
Reactivity Notes	Cross-reacts <i>S. cerevisiae</i> . Not yet tested in other species. Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Specificity/Sensitivity	Monoclonal Anti-Clathrin Light Chain reacts specifically with the clathrin light chain. The epitope recognized by the antibody resides within amino acids 23-44 of bovine clathrin light chains, LCa and LCb. This region is not involved in heavy chain binding, and is completely conserved in all mammals. The product is useful in immunoblotting 2-4 (two doublets at 25-36 kDa, a doublet at approximately 56 kDa, and possibly also additional lower and higher molecular weight bands), immunoprecipitation, immunocytochemistry (4% paraformaldehyde- 0.5% Triton X-100 fixation), and immunoaffinity purification. Cross-reactivity has been observed with human, bovine, rat, mouse, and yeast.
Immunogen	Synthetic peptide, corresponding to amino acids 23-44 of Cow Clathrin Light Chain.

Notes	<p>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 outlicensing@lifetech.com. 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.</p>
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Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot
Application Notes	Optimal dilution of this antibody should be experimentally determined.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-
techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

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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