

# Product Datasheet

## Clathrin Heavy Chain 1/CHC17 Antibody (X22) [Alexa Fluor® 647] NB300-613AF647

Unit Size: 0.1 ml

Store at 4C in the dark.

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### Publications: 2

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**NB300-613AF647**

Clathrin Heavy Chain 1/CHC17 Antibody (X22) [Alexa Fluor® 647]

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	X22
Preservative	0.05% Sodium Azide
Isotype	IgG1
Conjugate	Alexa Fluor 647
Purity	Protein A or G purified
Buffer	50mM Sodium Borate

Product Description	
Host	Mouse
Gene ID	1213
Gene Symbol	CLTC
Species	Human, Mouse, Rat, Bovine, Hamster, Primate
Reactivity Notes	Hamster reactivity reported in scientific literature (PMID: 15689492). 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.
Marker	Clathrin-coated Vesicle Marker
Specificity/Sensitivity	Detects clathrin heavy chain.
Immunogen	Purified human brain clathrin heavy 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 <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.</p>

**Product Application Details**

<b>Applications</b>	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunomicroscopy, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunomicroscopy

## Publications

Maja Klevanski, Heeyoung Kim, Mike Heilemann, Thomas Kuner, Ralf Bartenschlager Glycan-directed SARS-CoV-2 inhibition by leek extract and lectins with insights into the mode-of-action of Concanavalin A. Antiviral research 2024-03-05 [PMID: 38447646]

Baumgart F, Arnold AM, Leskovar K et al. Varying label density allows artifact-free analysis of membrane-protein nanoclusters Nat Methods. 2016-08-01 [PMID: 27295310]

Details:

Citation used the Biotin format of this antibody.





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### Products Related to NB300-613AF647

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NBP1-97005AF647	Mouse IgG1 Isotype Control (MG1) [Alexa Fluor® 647]
NB300-613AF700	Clathrin Heavy Chain 1/CHC17 Antibody (X22) [Alexa Fluor® 700]
H00001213-Q01-10ug	Recombinant Human Clathrin Heavy Chain 1/CHC17 GST (N-Term) Protein
210-TA-005	TNF-alpha [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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