

# Product Datasheet

## Clathrin light chain Antibody (CON.1) [Alexa Fluor® 488] NB600-1520AF488

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB600-1520AF488**

Clathrin light chain Antibody (CON.1) [Alexa Fluor® 488]

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	CON.1
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG2b
<b>Conjugate</b>	Alexa Fluor 488
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	50mM Sodium Borate
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	1211
<b>Gene Symbol</b>	CLTA
<b>Species</b>	Human, Mouse, Rat, Bovine
<b>Reactivity Notes</b>	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.
<b>Specificity/Sensitivity</b>	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.
<b>Immunogen</b>	Synthetic peptide, corresponding to amino acids 23-44 of Cow Clathrin Light Chain.

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<b>Product Application Details</b>	
<b>Applications</b>	Western Blot
<b>Recommended Dilutions</b>	Western Blot
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.





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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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