

# Product Datasheet

## CYBB/NOX2 Antibody (NL7) [Alexa Fluor® 647] NBP1-41012AF647

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP1-41012AF647**

CYBB/NOX2 Antibody (NL7) [Alexa Fluor® 647]

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	NL7
Preservative	0.05% Sodium Azide
Isotype	IgG1
Conjugate	Alexa Fluor 647
Purity	Protein G purified
Buffer	50mM Sodium Borate

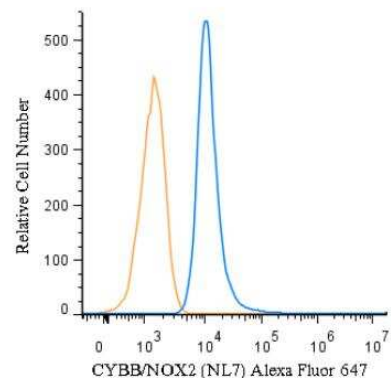
Product Description	
Host	Mouse
Gene ID	1536
Gene Symbol	CYBB
Species	Human
Specificity/Sensitivity	This antibody recognises the heavy chain of cytochrome B245. It recognises the native as well as the denatured form of the protein
Immunogen	Cytochrome B245 solubilized in octyl-beta-glucopyranoside
Notes	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	Western Blot, ELISA, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Flow (Intracellular)

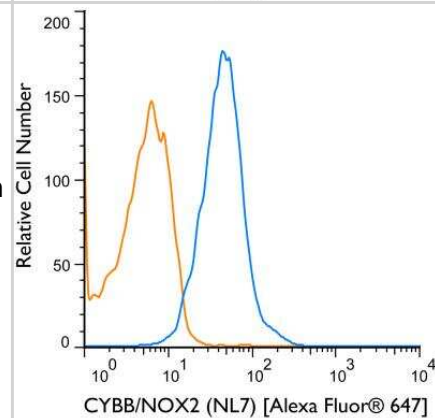


## Images

**Flow (Intracellular): CYBB/NOX2 Antibody (NL7) [Alexa Fluor 647] [NBP1-41012AF647]** - An intracellular stain was performed on THP-1 cells with CYBB/NOX2 (NL7) antibody NBP1-41012AF647 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 2.5 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to Alexa Fluor 647.



**Flow Cytometry: CYBB/NOX2 Antibody (NL7) [Alexa Fluor 647] [NBP1-41012AF647]** - An intracellular stain was performed on Daudi cells with CYBB/NOX2 (NL7) antibody NBP1-41012AF647 (blue) and a matched isotype control NBP1-97005AF647 (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 2 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to Alexa Fluor 647.





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### **Products Related to NBP1-41012AF647**

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NBP1-97005AF647	Mouse IgG1 Isotype Control (MG1) [Alexa Fluor® 647]
NBP1-41012AF700	CYBB/NOX2 Antibody (NL7) [Alexa Fluor® 700]
H00001536-Q01-10ug	Recombinant Human CYBB/NOX2 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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