

# Product Datasheet

## iNOS Antibody [Alexa Fluor® 405] NB300-605AF405

Unit Size: 0.1 ml

Store at 4C in the dark.

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### Publications: 1

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**NB300-605AF405**

iNOS Antibody [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	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Conjugate	Alexa Fluor 405
Purity	Affinity purified
Buffer	50mM Sodium Borate

Product Description	
Host	Rabbit
Gene ID	4843
Gene Symbol	NOS2
Species	Human, Mouse, Rat, Porcine
Reactivity Notes	Porcine reactivity reported in scientific literature (PMID: 31292486).
Specificity/Sensitivity	This antibody detects iNOS. It does not detect other NOS isoforms.
Immunogen	Sythetic peptide made to an internal portion of mouse iNOS (between amino acids 12-48) [UniProt P29477].
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, Flow Cytometry, Immunoblotting, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, In vitro assay
Recommended Dilutions	Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Immunoblotting, In vitro assay
Application Notes	Optimal dilution of this antibody should be experimentally determined.



## Images

iNOS Antibody [Alexa Fluor® 405] [NB300-605AF405] - Vial of Alexa Fluor 405 conjugated antibody. Alexa Fluor 405 is optimally excited at 401 nm by the Violet laser (405 nm) and has an emission maximum of 421 nm.



## Publications

Ma X, Zhang Z, Shen M et al. Changes of type II collagenase biomarkers on IL-1beta-induced rat articular chondrocytes Experimental and therapeutic medicine 2021-06-01 [PMID: 33850554]



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### **Products Related to NB300-605AF405**

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NBP2-24891AF405	Rabbit IgG Isotype Control [Alexa Fluor® 405]
H00004843-Q01-10ug	Recombinant Human iNOS GST (N-Term) Protein
210-TA-005	TNF-alpha [Unconjugated]
NBP2-80257	Rat iNOS ELISA Kit (Colorimetric)

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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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