

# Product Datasheet

## IL-4 Antibody (11B11) [Alexa Fluor® 405] - Chimeric NBP2-52656AF405

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-52656AF405**

IL-4 Antibody (11B11) [Alexa Fluor® 405] - Chimeric

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	11B11
Preservative	0.05% Sodium Azide
Isotype	IgG Kappa
Conjugate	Alexa Fluor 405
Purity	Protein A purified
Buffer	50mM Sodium Borate

Product Description	
Host	Rabbit
Gene ID	3565
Gene Symbol	IL4
Species	Mouse
Reactivity Notes	Mouse
Specificity/Sensitivity	Binds to a core functional region of murine IL-4, which prevents this cytokine from interacting with its cognate receptor (Yao et al., 2006 PMID: 16361318).
Immunogen	BSF-1 / IL-4 purified from serum-free supernatants of cultured EL-4 cells (a C57BL/6 thymoma) induced with 4 Beta-phorbol 12 Beta-myristate 12 alpha - acetate for 48h.
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	
Applications	ELISA, Flow Cytometry, Immunohistochemistry, In vivo assay, CyTOF-ready



<b>Recommended Dilutions</b>	Flow Cytometry, ELISA, Immunohistochemistry, In vivo assay, CyTOF-ready
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.

## Images

IL-4 Antibody (11B11) [Alexa Fluor® 405] - Chimeric [NBP2-52656AF405] - 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.



Alexa Fluor® 405

LASER (nm)	FILTER
Violet (405)	450/45
EXCITATION MAX (nm)	EMISSION MAX (nm)
401	421



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### **Products Related to NBP2-52656AF405**

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NBP2-35252-5ug	Recombinant Rat IL-4 Protein
210-TA-005	TNF-alpha [Unconjugated]
6507-IL-010/CF	IL-4 [Unconjugated]
M6000B-1	IL-6 [HRP]

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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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