

# Product Datasheet

## IL-4 Antibody (11B11) - Chimeric - Azide and BSA Free NBP2-52656-0.2mg

Unit Size: 0.2 mg

Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.

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**NBP2-52656-0.2mg**

IL-4 Antibody (11B11) - Chimeric - Azide and BSA Free

Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.
Clonality	Monoclonal
Clone	11B11
Preservative	0.02% Proclin 300
Isotype	IgG Kappa
Purity	Protein A purified
Buffer	PBS

Product Description	
Host	Rabbit
Gene ID	3565
Gene Symbol	IL4
Species	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.

Product Application Details	
Applications	ELISA, Flow Cytometry, Immunohistochemistry, In vivo assay, CyTOF-ready
Recommended Dilutions	Flow Cytometry 1:10 - 1:1000, ELISA 1:100 - 1:2000, Immunohistochemistry 1:10 - 1:500, In vivo assay, CyTOF-ready
Application Notes	This antibody is Cytof ready. This chimeric rabbit antibody was made using the variable domain sequences of the original Rat IgG1 format, for improved compatibility with existing reagents, assays and techniques.

**Publications**

Li H, Wang Y, Shao S et al. Rabdosia serra alleviates dextran sulfate sodium salt-induced colitis in mice through antiinflammation, regulating Th17/Treg balance, maintaining intestinal barrier integrity, and modulating gut microbiome Journal of Pharmaceutical Analysis 2022-08-01 [PMID: 36605573]





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### **Products Related to NBP2-52656-0.2mg**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-35252-5ug	Recombinant Rat IL-4 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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