

# Product Datasheet

## IL-4 Antibody (101) - Azide and BSA Free NBP2-90001-100ul

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-90001-100ul**

IL-4 Antibody (101) - Azide and BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	101
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	0.2 um filtered solution in PBS

<b>Product Description</b>	
<b>Description</b>	This antibody can be stored at 2C-8C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20C to -80C. Avoid repeated freeze-thaw cycles.
<b>Host</b>	Rabbit
<b>Gene ID</b>	3565
<b>Gene Symbol</b>	IL4
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	No cross-reactivity in ELISA with:  Mouse IL4 Canine IL4
<b>Immunogen</b>	This antibody was obtained from a rabbit immunized with purified, recombinant Human IL-4 (Uniprot#: P05112-1; His25-Ser153).

<b>Product Application Details</b>	
<b>Applications</b>	ELISA
<b>Recommended Dilutions</b>	ELISA 1:5000-1:10000

**Publications**

Chen R, Wang J, Dai X et al. Augmented PFKFB3-mediated glycolysis by interferon- gamma promotes inflammatory M1 polarization through the JAK2/STAT1 pathway in local vascular inflammation in Takayasu arteritis Arthritis research & therapy 2022-12-12 [PMID: 36510278]

Zeng J, Sun Y, Sun S et al. Leveraging Nanodrug Delivery System for Simultaneously Targeting Tumor Cells and M2 Tumor-Associated Macrophages for Efficient Colon Cancer Therapy ACS applied materials & interfaces 2022 Nov 16 [PMID: 36327132]

Chen B, Guan X, Gunning W et al. Negative modulation of B cell activation by MC1R signaling protects against membranous nephropathy Journal of the American Society of Nephrology : JASN 2022 Nov 29 [PMID: 36446431]





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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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