

# Product Datasheet

## IL-10R alpha Antibody (1B1.3a) [Alexa Fluor™ Plus 488] NBP3-08221AFP488

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-08221AFP488**

IL-10R alpha Antibody (1B1.3a) [Alexa Fluor™ Plus 488]

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	1B1.3a
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	Alexa Fluor Plus 488
Purity	Protein A or G purified
Buffer	50mM Sodium Borate

Product Description	
Host	Rat
Gene ID	3587
Gene Symbol	IL10RA
Species	Mouse, Human (Negative)
Reactivity Notes	Does not react with Human.
Specificity/Sensitivity	This monoclonal antibody recognizes Mouse Interleukin-10 receptor 1 (IL-10R1), a cell surface glycoprotein of approximately 110KDa. Its epitope is localized in the ligand-binding domain in the extracellular region of Mouse IL-10R1. This antibody blocks the binding of IL-10 to its receptor. IL-10R1 is a class II cytokine receptor expressed on thymocytes, T cells, B cells, NK cells, monocytes and macrophages. Binding of IL-10 to its receptor initiates JAK/STAT signaling that leads to B cell proliferation and inhibition of macrophage activation.
Immunogen	Purified recombinant extracellular region of Mouse IL-10R alpha (Uniprot: Q61727)
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Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NBP3-08221AFP488**

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NBP2-52077-0.05mg	Recombinant Human IL-10R alpha His Protein
210-TA-005	TNF-alpha [Unconjugated]
9100-R1-050	IL-10R alpha [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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