

# Product Datasheet

## IL-10R alpha Antibody (3F9-2) NBP1-42534

Unit Size: 0.1 mg

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

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**NBP1-42534**

IL-10R alpha Antibody (3F9-2)

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3F9-2
Preservative	0.09% Sodium Azide
Isotype	IgG2a
Purity	Protein A or G purified
Buffer	PBS

Product Description	
Host	Rat
Gene ID	3587
Gene Symbol	IL10RA
Species	Human
Specificity/Sensitivity	Recognizes human CD210, a 90-110kD glycoprotein, also known as Interleukin-10 receptor (IL-10R). CD210 is expressed on T cells, NK cells, monocytes and dendritic cells, although surface expression may be low. Recent work has reported an increase in intracellular expression of CD210 during dendritic cell maturation, but a reduction in surface CD210 expression (3). This clone is reported to function as a blocking antibody. Immunogen: Soluble human CD210
Immunogen	Soluble human CD210

Product Application Details	
Applications	Flow Cytometry
Recommended Dilutions	Flow Cytometry 1:10-1:50
Application Notes	Flow cytometry: Use 10ul of the suggested working dilution (1/10-1/50) to label 1x 10 <sup>6</sup> cells in 100ul. Due to low expression of CD210, sensitive staining techniques may be required.

**Publications**

Beck D, Zobel J, Barber R et al. Synthetic lethal screen demonstrates that a JAK2 inhibitor suppresses a BCL6 dependent IL10RA/JAK2/STAT3 pathway in high grade B-cell lymphoma. J. Biol. Chem. 2016-06-06 [PMID: 27268052] (ICC/IF, Human)





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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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