

# Product Datasheet

## IL-7R alpha/CD127 Antibody (22F3D9) - BSA Free NBP2-22376

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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**NBP2-22376**

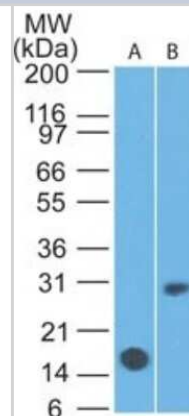
IL-7R alpha/CD127 Antibody (22F3D9) - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1.0 mg/ml
<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>	22F3D9
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG2b Lambda
<b>Purity</b>	Protein G purified
<b>Buffer</b>	0.1 ml PBS
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	3575
<b>Gene Symbol</b>	IL7R
<b>Species</b>	Human
<b>Immunogen</b>	Amino acids 141-237 of human CD127 were used as the immunogen for the antibody.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Flow Cytometry, CyTOF-ready
<b>Recommended Dilutions</b>	Western Blot 2-5 ug/ml, Flow Cytometry 1:100. Use reported by customer review, CyTOF-ready
<b>Application Notes</b>	Staining of formalin-fixed tissues is enhanced by boiling tissue sections in 10 mM sodium citrate buffer, pH 6.0 for 10-20 min followed by cooling at RT for 20 min. The amino acid sequence used as immunogen for the antibody is present in two isoforms of CD127: 459 amino acids and 299 amino acids. This antibody is CyTOF ready.

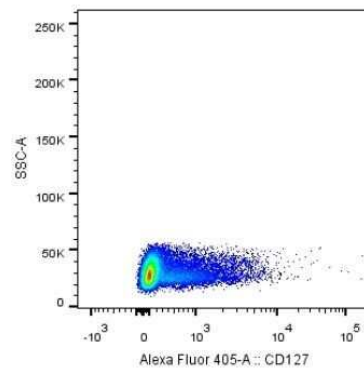


## Images

Western Blot: IL-7R alpha/CD127 Antibody (22F3D9) [NBP2-22376] - Analysis of CD127 in A) a partial recombinant protein and B) Daudi lysate using CD127 antibody at 0.5 ug/ml and 5 ug/ml respectively. Goat anti-mouse Ig HRP secondary antibody and PicoTect ECL substrate solution were used for this test.



Flow Cytometry: IL-7R alpha/CD127 Antibody (22F3D9) [NBP2-22376] - Analysis of IL-7 R alpha in human PMBCs using anti-IL-7 R alpha antibody. Image from verified customer review. Image using the Alexa Fluor 405 format of this antibody.



## Publications

Kolodziej M, Strauss S, Lazaridis A et al. Influence of glucose and insulin in human adipogenic differentiation models with adipose-derived stem cells Adipocyte 2019-12-01 [PMID: 31280651] (FLOW, Human)



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### **Products Related to NBP2-22376**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-22376PE	IL-7R alpha/CD127 Antibody (22F3D9) [PE]
NBP3-21313PEP	IL-7R alpha/CD127 Recombinant Protein Antigen

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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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