

# Product Datasheet

## Langerin/CD207 Antibody (918A11) - Azide and BSA Free DDX0376P-100

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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### Publications: 8

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**DDX0376P-100**

Langerin/CD207 Antibody (918A11) - Azide and BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	918A11
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG1
<b>Purity</b>	Ion exchange chromatography
<b>Buffer</b>	Tris-NaCl (pH 8.0)

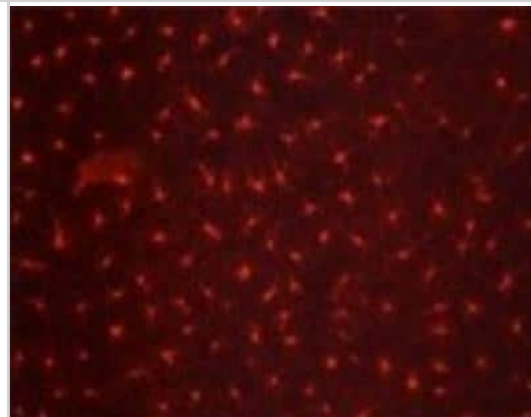
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rat Langerin/CD207 Antibody (918A11) - Azide and BSA Free (DDX0376P-100) is a monoclonal antibody validated for use in IHC, Flow and ICC/IF. Anti-Langerin/CD207 Antibody: Cited in 8 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rat
<b>Gene ID</b>	50489
<b>Gene Symbol</b>	CD207
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	Human, Mouse, Rat
<b>Immunogen</b>	Langerin/CD207 was used as immunogen.
<b>Notes</b>	This product is manufactured by Eurobio Scientific (formerly Dendritics) and distributed by Novus Biologicals.

<b>Product Application Details</b>	
<b>Applications</b>	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
<b>Recommended Dilutions</b>	Flow Cytometry 1:10-1:1000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500
<b>Application Notes</b>	Permeabilization is recommended for flow cytometry.

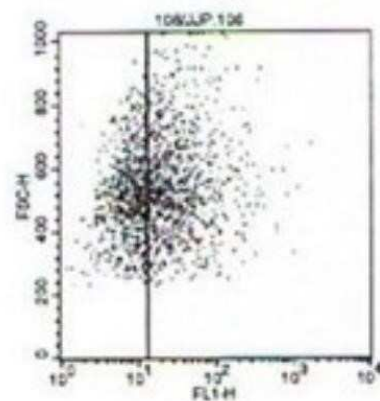


**Images**

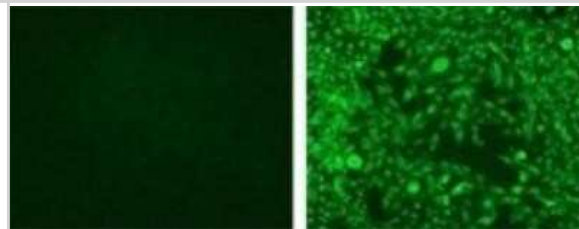
Immunocytochemistry/Immunofluorescence: Langerin/CD207 Antibody (918A11) [DDX0376P-100] - Staining of mouse epidermal sheet.



Flow Cytometry: Langerin/CD207 Antibody (918A11) [DDX0376P-100] - Surface FACS staining of Langerin transfected COP5 cells.



Immunocytochemistry/Immunofluorescence: Langerin/CD207 Antibody (918A11) [DDX0376P-100] - Staining of mock (left) and Langerin (right) transfected COP5 cells.



## Publications

Luckashenak N et al. Rho-family GTPase Cdc42 controls migration of Langerhans cells in vivo. *J Immunol* 2013-01-01 [PMID: 23209325]

Hitzler M et al. Human Langerhans cells control Th cells via programmed death-ligand 1 in response to bacterial stimuli and nickel-induced contact allergy. *PLoS One* 2012-01-01 [PMID: 23056446]

Iram N et al. Age-related changes in expression and function of Toll-like receptors in human skin. *Development* 2012-11-01 [PMID: 23034637]

Segura E et al. Characterization of resident and migratory dendritic cells in human lymph nodes. *J Exp Med* 2012-04-09 [PMID: 22430490]

Chorro L et al. Langerhans cell (LC) proliferation mediates neonatal development, homeostasis, and inflammation-associated expansion of the epidermal LC network. *J Exp Med* 2009-12-21 [PMID: 19995948]

Douillard P et al. Mouse lymphoid tissue contains distinct subsets of langerin/CD207 dendritic cells, only one of which represents epidermal-derived Langerhans cells. *J Invest Dermatol* 2005-11-01 [PMID: 16297200]

Movassagh M et al. Selective accumulation of mature DC-Lamp+ dendritic cells in tumor sites is associated with efficient T-cell-mediated antitumor response and control of metastatic dissemination in melanoma. *Cancer Res* 2004-03-15 [PMID: 15026362]

Valladeau J et al. Identification of mouse langerin/CD207 in Langerhans cells and some dendritic cells of lymphoid tissues. *J Immunol* 2002-01-15 [PMID: 11777972]





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### **Products Related to DDX0376P-100**

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HAF005	Goat anti-Rat IgG Secondary Antibody [HRP]
NB7115	Goat anti-Rat IgG (H+L) Secondary Antibody [HRP]
DDXCR01	Rat IgG1 Isotype Control
NBP2-52050-0.1mg	Recombinant Human Langerin/CD207 His Protein

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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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