

# Product Datasheet

## Langerin/CD207 Antibody (923B7) - Azide and BSA Free DDX0373P-100

Unit Size: 0.1 mg

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

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**DDX0373P-100**

Langerin/CD207 Antibody (923B7) - Azide and BSA Free

**Product Information**

<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>	923B7
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG2a
<b>Purity</b>	Ion exchange chromatography
<b>Buffer</b>	Tris-NaCl (pH 8.0)

**Product Description**

<b>Host</b>	Rat
<b>Gene ID</b>	50489
<b>Gene Symbol</b>	CD207
<b>Species</b>	Human, Mouse, Rat, Porcine
<b>Reactivity Notes</b>	Human, Mouse, Rat, Porcine
<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.

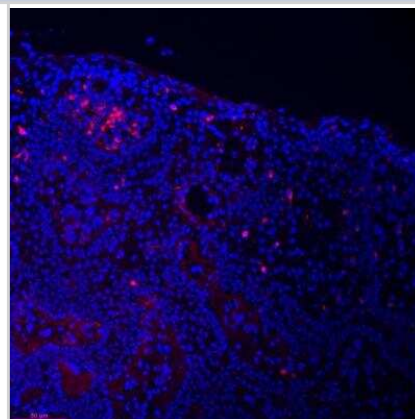
**Product Application Details**

<b>Applications</b>	Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen
<b>Recommended Dilutions</b>	Flow Cytometry 1:10-1:1000, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500

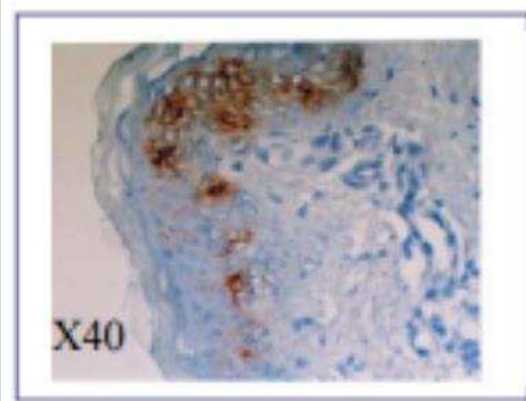


## Images

Immunohistochemistry-Frozen: Langerin/CD207 Antibody (923B7) [DDX0373P-100] - Langerin (red) stained human skin section at 20x magnification. Section counterstained with DAPI. Sections were fixed with 4% PFA PBS, permeabilized with 0.5% Triton TBS Ca/Azide, and blocked with 5% BSA TBS Ca/Azide prior to staining with anti-Langerin antibody diluted 1:100 at 37C for 1 hour. A secondary antibody was applied, and sections were counterstained with DAPI. Image from a verified customer review.



Immunohistochemistry: Langerin/CD207 Antibody (923B7) [DDX0373P-100] - IHC on human skin cryosections with 923B7-HRP



## Publications

Nasr N et al. Inhibition of two temporal phases of HIV-1 transfer from primary Langerhans cells to T cells: the role of langerin. J Immunol 2014-09-01 [PMID: 25070850]

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]

Hervouet C et al. Langerhans cells prime IL-17-producing T cells and dampen genital cytotoxic responses following mucosal immunization. J Immunol 2010-05-01 [PMID: 20351191]

Nfon CK et al. Langerhans cells in porcine skin. Vet Immunol Immunopathol 2008-12-15 [PMID: 18805593]

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 DDX0373P-100**

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HAF005	Goat anti-Rat IgG Secondary Antibody [HRP]
F0105B	Goat anti-Rat IgG Secondary Antibody [Phycoerythrin]
NBP2-21947-0.1mg	Rat IgG2a Isotype Control (2A3)
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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