

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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DDX0376P-100

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

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

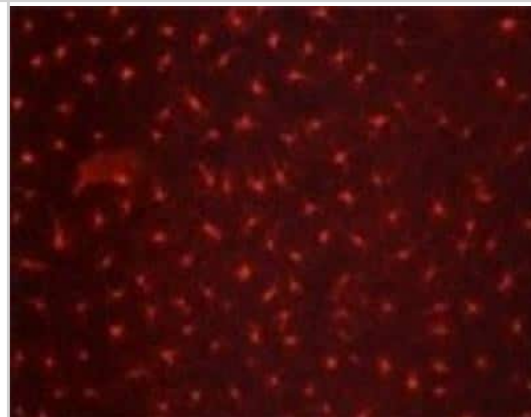
Product Description	
Host	Rat
Gene ID	50489
Gene Symbol	CD207
Species	Human, Mouse, Rat
Reactivity Notes	Human, Mouse, Rat
Immunogen	Langerin/CD207 was used as immunogen.
Notes	This product is manufactured by Eurobio Scientific (formerly Dendritics) and distributed by Novus Biologicals.

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

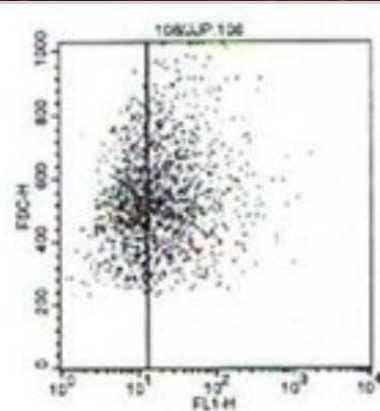


Images

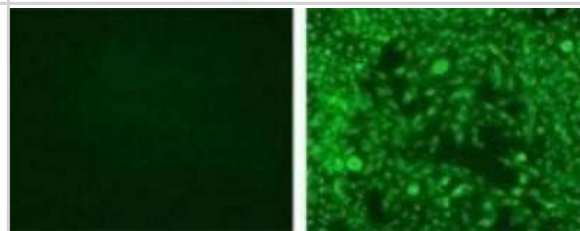
Immunocytochemistry/Immunofluorescence: Langerin/CD207 Antibody (918A11) [DDX0376P-100] - Staining of mouse epidermal sheet.



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

HAF005	Goat anti-Rat IgG Secondary Antibody [HRP]
F0105B	Goat anti-Rat IgG Secondary Antibody [Phycoerythrin]
DDXCR01	Rat IgG1 Isotype Control
NBP2-52050-0.1mg	Recombinant Human Langerin/CD207 His Protein

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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