

Product Datasheet

Langerin/CD207 Antibody (DCGM4/122D5) - Azide and BSA Free DDX0363P-100

Unit Size: 0.1 mg

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

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DDX0363P-100

Langerin/CD207 Antibody (DCGM4/122D5) - 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	DCGM4/122D5
Preservative	No Preservative
Isotype	IgG1
Purity	Ion exchange chromatography
Buffer	Tris-NaCl (pH 8.0)

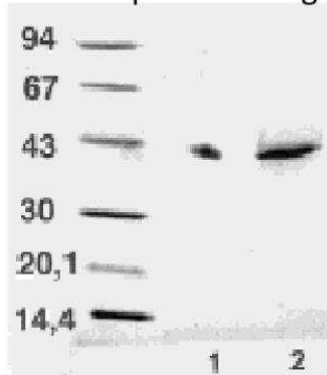
Product Description	
Host	Mouse
Gene ID	50489
Gene Symbol	CD207
Species	Human, Canine
Immunogen	Langerin/CD207 was used as immunogen.
Notes	This product is manufactured by Eurobio Scientific (formerly Dendritics) and distributed by Novus Biologicals.

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Binding Activity
Recommended Dilutions	Western Blot 1:100-1:2000, Flow Cytometry 1:10-1:1000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Frozen 1:10-1:500, Binding Activity
Application Notes	Use in Immunocytochemistry/immunofluorescence reported in scientific literature (PMID: 30223113).

Images

Western Blot: Langerin/CD207 Antibody (DCGM4/122D5) [DDX0363P-100] - Western-blot DCGM4 1: non-reduced 2: reduced

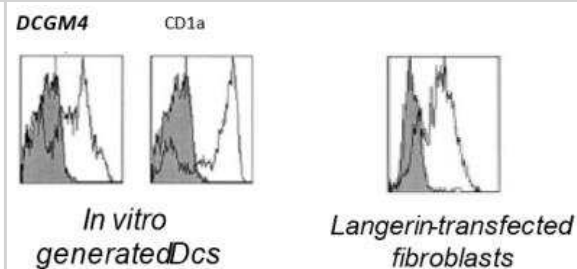
Immunopurified Langerin



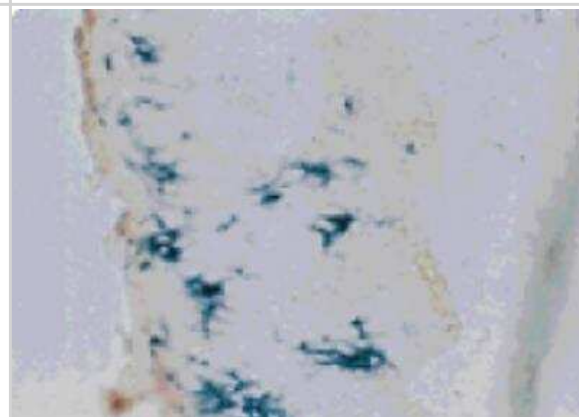
Immunohistochemistry: Langerin/CD207 Antibody (DCGM4/122D5)
[DDX0363P-100] - lung tumor tissue section



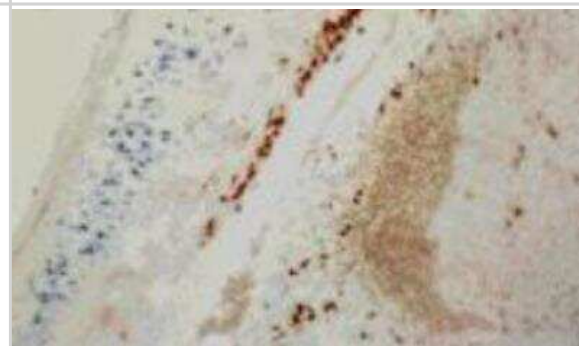
Flow Cytometry: Langerin/CD207 Antibody (DCGM4/122D5)
[DDX0363P-100]



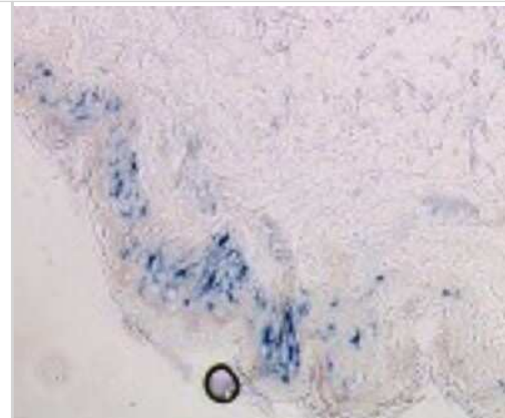
Immunohistochemistry-Frozen: Langerin/CD207 Antibody
(DCGM4/122D5) [DDX0363P-100]



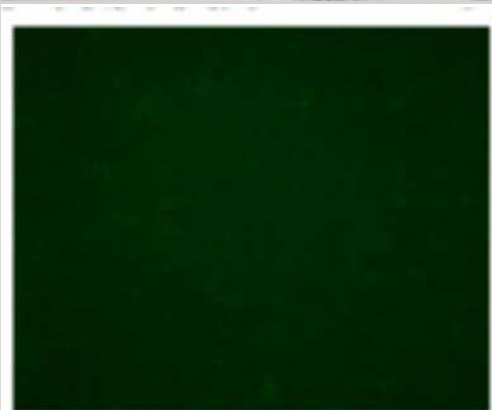
Immunohistochemistry-Frozen: Langerin/CD207 Antibody
(DCGM4/122D5) [DDX0363P-100]



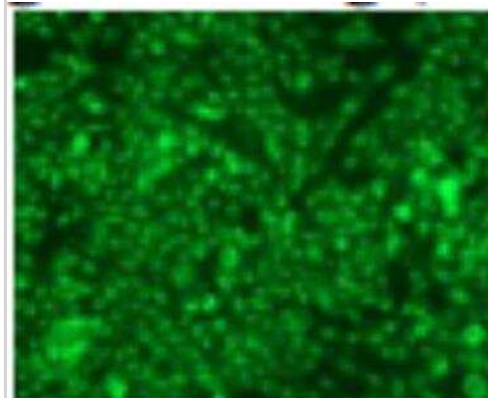
Immunohistochemistry-Frozen: Langerin/CD207 Antibody (DCGM4/122D5) [DDX0363P-100] - Analysis of Alexa Fluor (R) 546 conjugate of DDX0363P-100. Staining of human skin frozen section.



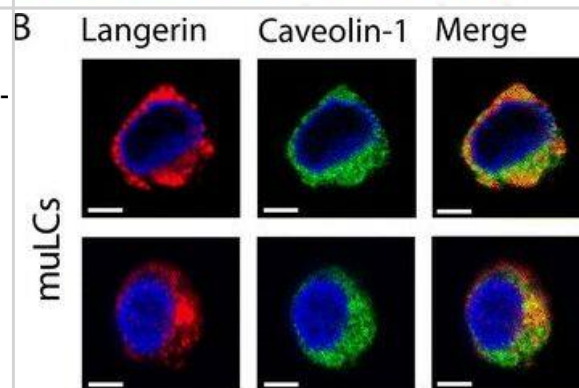
Immunohistochemistry: Langerin/CD207 Antibody (DCGM4/122D5) [DDX0363P-100] - CHO control



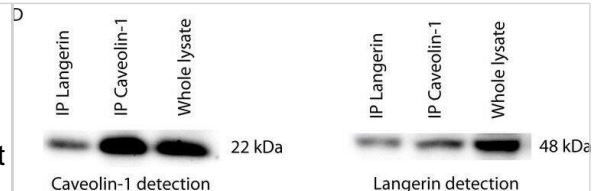
Immunohistochemistry: Langerin/CD207 Antibody (DCGM4/122D5) [DDX0363P-100] - Langerin-transfected CHO



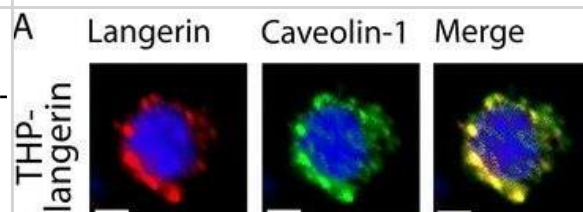
Immunocytochemistry/ Immunofluorescence: Langerin/CD207 Antibody (DCGM4/122D5) [DDX0363P-100] - Langerin co-localizes with caveolin-1 in steady state. Confocal scanning laser microscopic analyses for THP-langerin cell line (A), MUTZ3-LC cell line (MUTZ-LCs, B) & human LCs (C) for langerin & caveolin-1 in steady-state condition in permeabilized cells; bars represent 10 μ m (A, B, C). Langerin & caveolin-1 were immuno-precipitated from LC cell lysates & immuno-blotted with antibodies against caveolin-1 or langerin (D). These data are representative of at least 3 donors or 3 independent experiments. Image collected & cropped by CiteAb from the following publication (<https://pubmed.ncbi.nlm.nih.gov/25551286>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



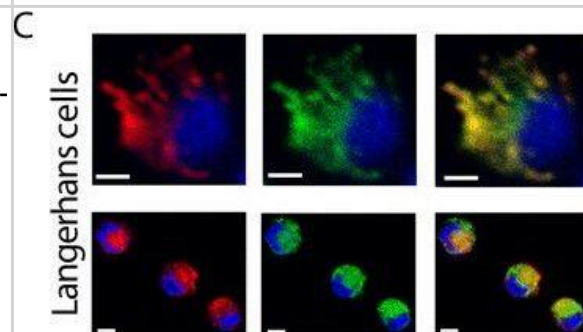
Western Blot: Langerin/CD207 Antibody (DCGM4/122D5) [DDX0363P-100] - Langerin co-localizes with caveolin-1 in steady state. Confocal scanning laser microscopic analyses for THP-langerin cell line (A), MUTZ3-LC cell line (MUTZ-LCs, B) & human LCs (C) for langerin & caveolin-1 in steady-state condition in permeabilized cells; bars represent 10 μ m (A, B, C). Langerin & caveolin-1 were immuno-precipitated from LC cell lysates & immuno-blotted with antibodies against caveolin-1 or langerin (D). These data are representative of at least 3 donors or 3 independent experiments. Image collected & cropped by CiteAb from the following publication (<https://pubmed.ncbi.nlm.nih.gov/25551286>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



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Publications

Jackson R, Lukacs JD, Zehbe I. The Potentials and Pitfalls of a Human Cervical Organoid Model Including Langerhans Cells Viruses 2020-12-01 [PMID: 33271909] (Flow Cytometry, Human)

Del Duca E, Pavel AB, Dubin C et al. Major Differences in Expression of Inflammatory Pathways in Skin from Different Body Sites of Healthy Individuals J. Invest. Dermatol. 2019-10-01 [PMID: 31059695] (IF/IHC, Human)

Sanyal RD, Pavel AB, Glickman J et al. Atopic dermatitis in African American patients is TH2/TH22-skewed with TH1/TH17 attenuation Ann. Allergy Asthma Immunol. 2019-01-01 [PMID: 30223113] (ICC/IF, Human)

Reinartz et al. Dendritic Cell Subsets in Oral Mucosa of Allergic and Healthy Subjects. PLoS One 2016-05-11 [PMID: 27166951]

Fehres CM et al. Phenotypic and Functional Properties of Human Steady State CD14+ and CD1a+ Antigen Presenting Cells and Epidermal Langerhans Cells. PLoS One 2015-11-25 [PMID: 26605924]

Ng WC et al. The C-type Lectin Langerin Functions as a Receptor for Attachment and Infectious Entry of Influenza A Virus. J Virol 2015-10-14 [PMID: 26468543]

Van den Berg LM et al. Caveolin-1 mediated uptake via langerin restricts HIV-1 infection in human Langerhans cells. Retrovirology 2014-12-31 [PMID: 25551286]

Schaeffer E et al. Dermal CD14(+) Dendritic Cell and Macrophage Infection by Dengue Virus Is Stimulated by Interleukin-4. J Invest Dermatol 2015-01-01 [PMID: 25521455]

Bigley V et al. Langerin-expressing dendritic cells in human tissues are related to CD1c+ dendritic cells and distinct from Langerhans cells and CD141high XCR1+ dendritic cells. J Leukoc Biol 2015-04-01 [PMID: 25516751]

Milne P et al. CD1c+ blood dendritic cells have Langerhans cell potential. Blood 2015-01-15 [PMID: 25352125]

Stoitzner P et al. Human skin dendritic cells can be targeted in situ by intradermal injection of antibodies against lectin receptors. Exp Dermatol 2014-12-01 [PMID: 25346475]

Flacher V et al. Murine Langerin+ dermal dendritic cells prime CD8+ T cells while Langerhans cells induce cross-tolerance. EMBO Mol Med 2014-08-01 [PMID: 25085878]

More publications at <http://www.novusbio.com/DDX0363P-100>





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Products Related to DDX0363P-100

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
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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