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.

www.novusbio.com | technical@novusbio.com

Publications: 48

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/DDX0363P-100

Updated 9/9/2025 v.20.1

Earn rewards for product reviews and publications.
Submit a publication at www.novusbio.com/publications
Submit a review at www.novusbio.com/reviews/destination/DDX0363P-100

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

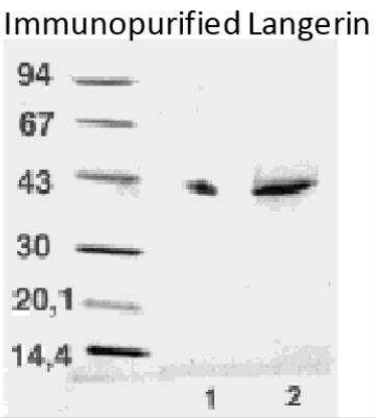
Description	Novus Biologicals Mouse Langerin/CD207 Antibody (DCGM4/122D5) - Azide and BSA Free (DDX0363P-100) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. Anti-Langerin/CD207 Antibody: Cited in 47 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
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.

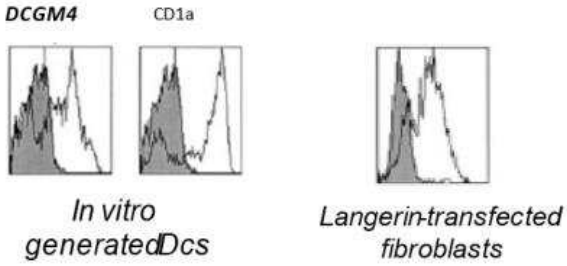
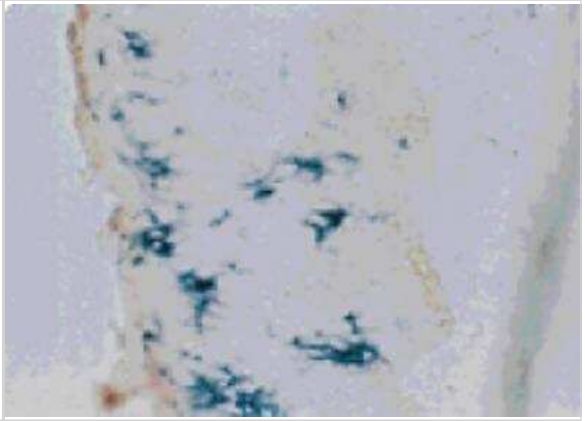
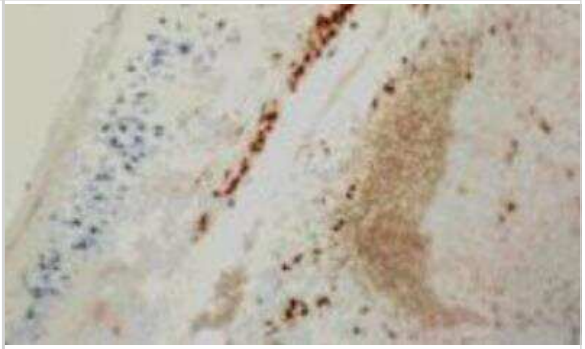
Product Application Details

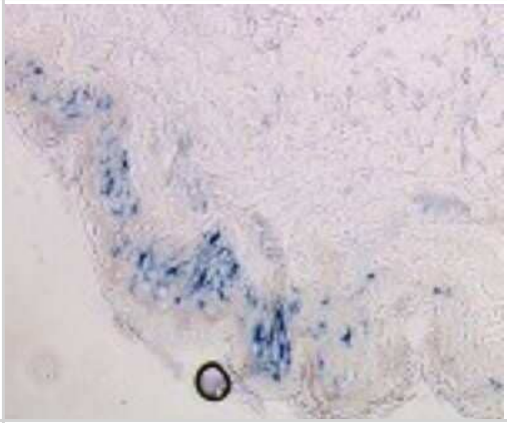
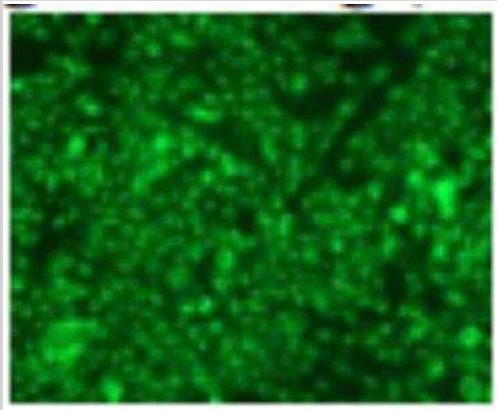
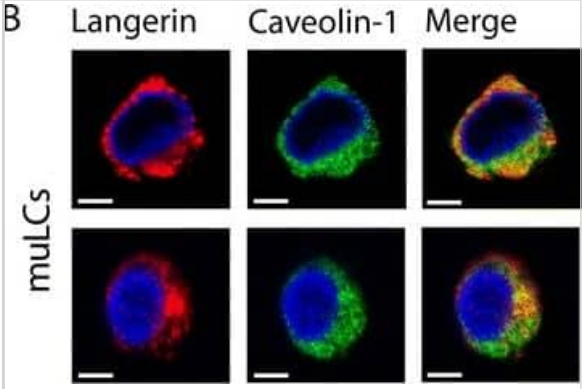
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Binding Activity
Recommended Dilutions	Western Blot 1:100-1:2000, Flow Cytometry 1:10-1:1000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence,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

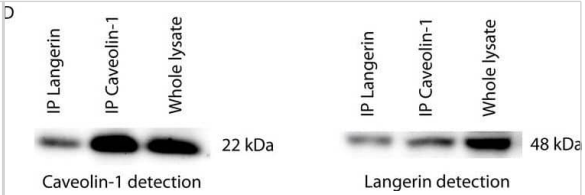
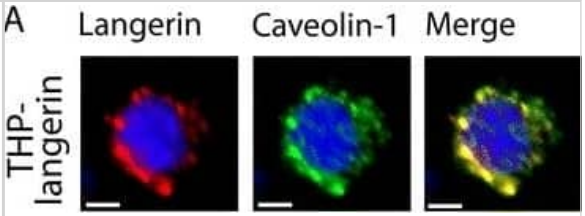
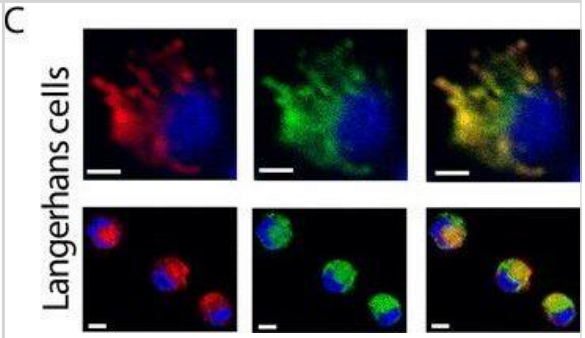
Images

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



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 permeablized cells; bars represent 10 µm (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 permeablized cells; bars represent 10 µm (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.	
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 permeablized cells; bars represent 10 µm (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.	
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 permeablized cells; bars represent 10 µm (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.	

Publications

Castanha, PMS;Martí, MM;Duangkhae, P;Taddonio, JM;Cooper, KL;Wallace, M;Kettenburg, G;Erdos, G;Chavva, H;Alex, A;Rubin, JP;Watkins, SC;Falo, LD;Marques, ETA;Martinson, JJ;Barratt-Boyes, SM; Genetic ancestry shapes dengue virus infection in human skin explants Proceedings of the National Academy of Sciences of the United States of America 2025-07-15 [PMID: 40587809]

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]

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

Novus Biologicals USA
10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada
21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd
19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information
www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to DDX0363P-100

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/DDX0363P-100

Earn gift cards/discounts by submitting a publication using this product: www.novusbio.com/publications