

Product Datasheet

Langerin/CD207 Antibody (310F7.02) - Azide and BSA Free DDX0361P-100

Unit Size: 0.1 mg

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

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Updated 2/21/2025 v.20.1

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DDX0361P-100

Langerin/CD207 Antibody (310F7.02) - Azide and BSA Free

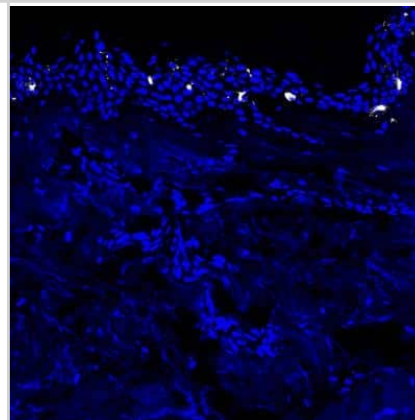
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	310F7.02
Preservative	No Preservative
Isotype	IgG1
Purity	Ion exchange chromatography
Buffer	Tris-NaCl (pH 8.0)

Product Description	
Host	Mouse
Gene ID	50489
Gene Symbol	CD207
Species	Human, Mouse, Rat, Porcine, Chinese Hamster
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	ELISA, Flow Cytometry, Flow (Cell Surface), Flow (Intracellular), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Flow Cytometry, ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10 - 1:500, Immunohistochemistry-Paraffin 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500, Flow (Cell Surface), Flow (Intracellular)

Images

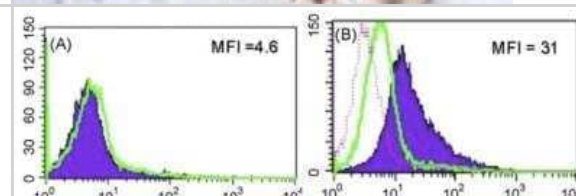
Immunocytochemistry/Immunofluorescence: Langerin/CD207 Antibody (310F7.02) [DDX0361P-100] - Cryosections of human skin, 1:200 dilution, staining for 1 hour at 37 degrees. Dapi nuclear stain used to define architecture. Langerin staining is visible in the epidermis. Image submitted from verified customer review.



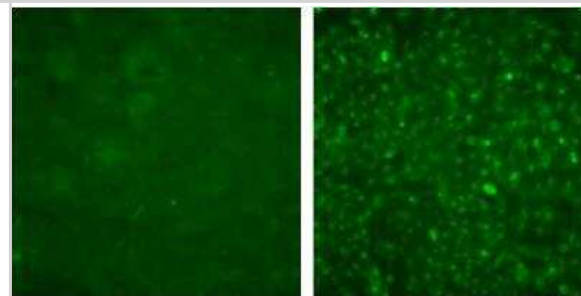
Immunohistochemistry-Paraffin: Langerin/CD207 Antibody (310F7.02) [DDX0361P-100] - Staining of human skin paraffin section with 310F7.02



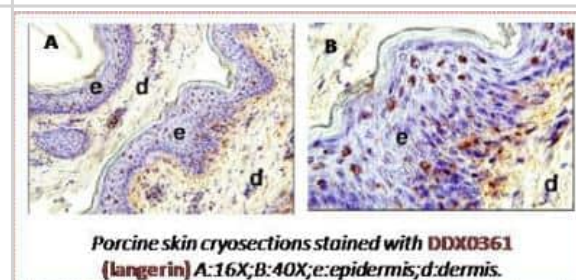
Flow Cytometry: Langerin/CD207 Antibody (310F7.02) [DDX0361P-100] - Staining with 310F7.02 of cells derived from overnight culture of porcine skin biopsies permeabilized (B) or not (A).



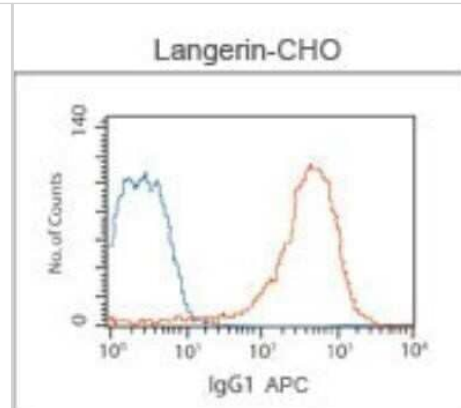
Immunocytochemistry/Immunofluorescence: Langerin/CD207 Antibody (310F7.02) [DDX0361P-100] - Staining of CHO cells transfected (right) or not (left) with mouse Langerin.



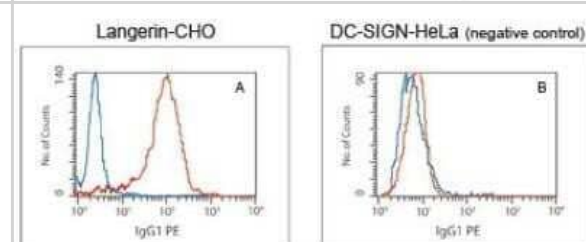
Immunohistochemistry-Paraffin: Langerin/CD207 Antibody (310F7.02) [DDX0361P-100] - Porcine skin cryosections stained with Langerin antibody



Flow (Cell Surface): Langerin/CD207 Antibody (310F7.02) [DDX0361P-100] - Analysis using the Allophycocyanin conjugate of DDX0361P-100. Staining of Langerin in stably transfected CHO using Langerin antibody at 1ug/ml. Blue histogram represents isotype control (1ug/ml), red histogram is anti-Langerin. Total viable cells were use



Flow (Intracellular): Langerin/CD207 Antibody (310F7.02) [DDX0361P-100] - Analysis using the PE conjugate of DDX0361P-100. Staining of Langerin in stably transfected CHO cells (A) or DC-SIGN in stably transfected HeLa cells (negative control) (B) using antibody at 1ug/ml. Blue histogram in both panels represents isotype control.



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]

Pestronk A, Sinha N et al. Immune myopathy with large histiocyte-related myofiber necrosis. Neurology 2019-09-04 [PMID: 30894448] (IF/IHC, Human)

Chabrol E et al. Alteration of the langerin oligomerization state affects Birbeck granule formation. Biophys J 2015-02-01 [PMID: 25650933]

Gerber A et al. High expression of FOXP3 in primary melanoma is associated with tumour progression. Br J Dermatol 2014-01-01 [PMID: 24116716]

Debeer S et al. Comparative histology and immunohistochemistry of porcine versus human skin. Eur J Dermatol 2013-07-01 [PMID: 24047577]

Boyd A et al. Quiescent innate response to infective filariae by human Langerhans cells suggests a strategy of immune evasion. Infect Immun 2013-05-01 [PMID: 23429540]

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]

Bobr A et al. Acute ablation of Langerhans cells enhances skin immune responses. J Immunol 2010-10-15 [PMID: 20855870]

deJong MA et al. Herpes simplex virus type 2 enhances HIV-1 susceptibility by affecting Langerhans cell function. J Immunol 2010-08-01 [PMID: 20592277]

More publications at <http://www.novusbio.com/DDX0361P-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 DDX0361P-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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