

# 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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**DDX0361P-100**

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

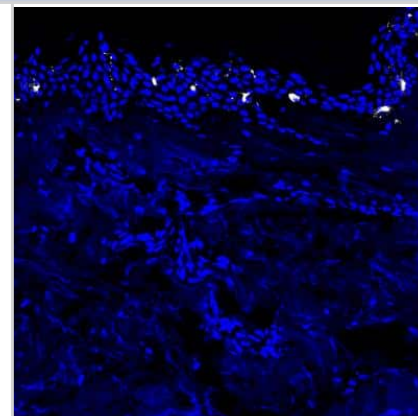
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	310F7.02
Preservative	No Preservative
Isotype	IgG1
Purity	Ion exchange chromatography
Buffer	Tris-NaCl (pH 8.0)

Product Description	
Description	Novus Biologicals Mouse Langerin/CD207 Antibody (310F7.02) - Azide and BSA Free (DDX0361P-100) is a monoclonal antibody validated for use in IHC, ELISA, Flow and ICC/IF. Anti-Langerin/CD207 Antibody: Cited in 16 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
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	Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Flow (Cell Surface), Flow (Intracellular), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
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**

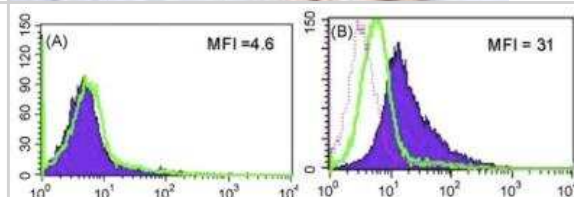
Immunocytochemistry/Immunofluorescence: Langerin/CD207 Antibody (310F7.02) [DDX0361P-100] - Cryosections of human skin, 1:200 dilution, staining for 1 hour at 37 degrees. Dapi nuclear stain used to define architecture. Langerin staining is visible in the epidermis. Image submitted from verified customer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



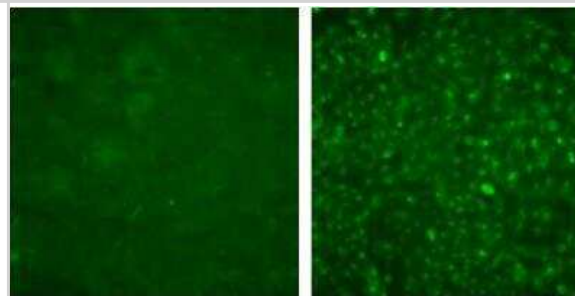
Immunohistochemistry-Paraffin: Langerin/CD207 Antibody (310F7.02) [DDX0361P-100] - Staining of human skin paraffin section with 310F7.02



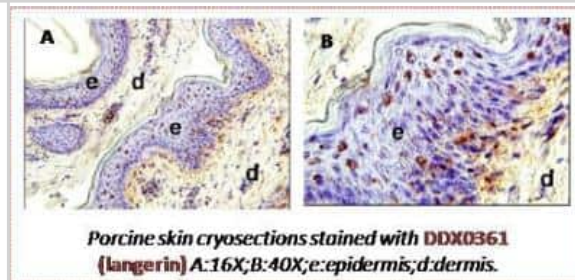
Flow Cytometry: Langerin/CD207 Antibody (310F7.02) [DDX0361P-100] - Staining with 310F7.02 of cells derived from overnight culture of porcine skin biopsies permeabilized (B) or not (A).



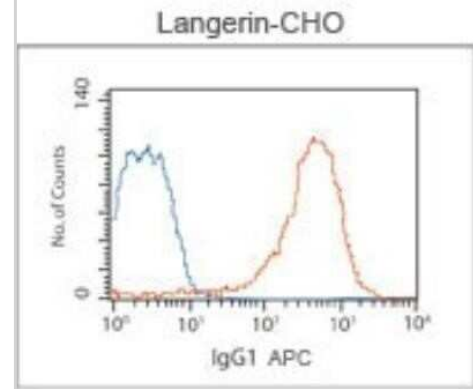
Immunocytochemistry/Immunofluorescence: Langerin/CD207 Antibody (310F7.02) [DDX0361P-100] - Staining of CHO cells transfected (right) or not (left) with mouse Langerin.



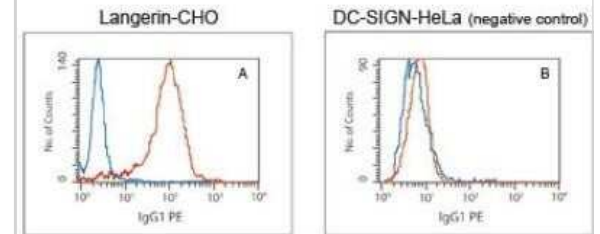
Immunohistochemistry-Paraffin: Langerin/CD207 Antibody (310F7.02) [DDX0361P-100] - Porcine skin cryosections stained with Langerin antibody



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>





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### **Products Related to DDX0361P-100**

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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)
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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