

Product Datasheet

CD1a Antibody (O10) NBP2-34313-0.1mg

Unit Size: 0.1 mg

Store at 4C.

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NBP2-34313-0.1mg

CD1a Antibody (O10)

Product Information	
Unit Size	0.1 mg
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	O10
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	49 kDa

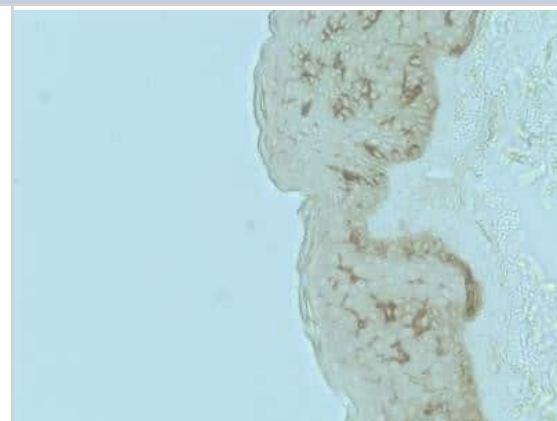
Product Description	
Description	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP2-34697) Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	909
Gene Symbol	CD1A
Species	Human, Rhesus Macaque
Marker	Mature Langerhans Cells Marker
Immunogen	Human thymus cells

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1-2 ug/ml, Flow Cytometry 1-2 ug/million cells, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1-2 ug/ml, Immunohistochemistry-Paraffin 1-2 ug/ml
Application Notes	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

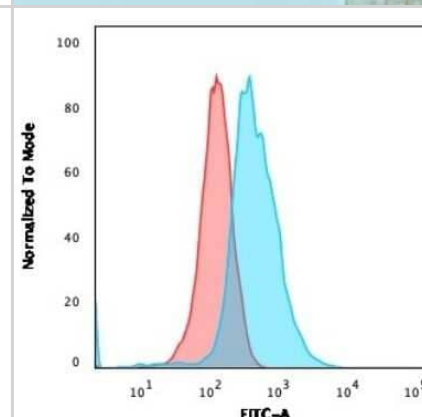


Images

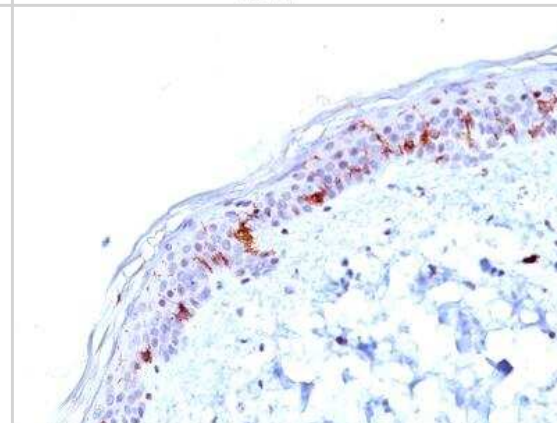
Immunohistochemistry: CD1a Antibody (O10) [NBP2-34313] - Immunohistochemistry-Paraffin: CD1a Antibody (O10) - Azide and BSA Free [NBP2-34697] - Human skin. Heat induced antigen retrieval in citrate buffer pH 6 at 95C for 20 minutes. Image from verified customer review.



Flow Cytometry: CD1a Antibody (O10) [NBP2-34313] - Flow Cytometric Analysis of MOLT-4 cells using CD1a Antibody (O10) followed by goat anti-Mouse IgG-CF488 (Blue); Isotype control (Red).



Immunohistochemistry-Paraffin: CD1a Antibody (O10) [NBP2-34313] - Formalin-fixed, paraffin-embedded human skin stained with CD1a MAb (O10).



Publications

Martin MF, Maarifi G, Abiven H et al. Usutu virus escapes langerin-induced restriction to productively infect human Langerhans cells, unlike West Nile virus Emerging microbes & infections 2022-02-22 [PMID: 35191820] (IF/IHC, Human)

Borek I, KOffel R, Feichtinger J, et al. BMP7 aberrantly induced in the psoriatic epidermis instructs inflammation-associated Langerhans cells J. Allergy Clin. Immunol. 2019-12-20 [PMID: 31870764]



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Products Related to NBP2-34313-0.1mg

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-59662-10ug	Recombinant Human CD1a 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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