

Langerin CD207 Antibody HRP Conjugated

Catalog No: #C04242H

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Description

Product Name	Langerin CD207 Antibody HRP Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	WBB B IHC-PB IHC-F
Species Reactivity	HuB MsB Rt
Immunogen Description	KLH conjugated synthetic peptide aa 213-223 328 derived from human CD207
Conjugates	HRP
Target Name	Langerin CD207
Other Names	CLEC4K; C-type lectin domain family 4 member K; Langerin; CD207
Accession No.	Swiss-Prot#Q9UJ71NCBI Gene ID50489
Uniprot	Q9UJ71
GeneID	50489;
Excitation Emission	N A
Cell Localization	Extracellular
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

WB=1:500-2000B B IHC-P=1:50-200B IHC-F=1:50-200B

Background

Calcium-dependent lectin displaying mannose-binding specificity. Induces the formation of Birbeck granules (BGs); is a potent regulator of membrane superimposition and zippering. Binds to sulfated as well as mannosylated glycans, keratan sulfate (KS) and beta-glucans. Facilitates uptake of antigens and is involved in the routing and or processing of antigen for presentation to T cells. Major receptor on primary Langerhans cells for *Candida* species, *Saccharomyces* species, and *Malassezia furfur*. Protects against human immunodeficiency virus-1 (HIV-1) infection. Binds to high-mannose structures present on the envelope glycoprotein which is followed by subsequent targeting of the virus to the Birbeck granules leading to its rapid degradation.

Note: This product is for in vitro research use only