



Langerin

Rabbit Monoclonal antibody(Mab)
Catalog # AD80237

Specification

Langerin - Product info

Application IHC-P
Primary Accession Q9UJ71
Reactivity Human
Host Rabbit
Clonality Monoclonal
Calculated MW 36725

Langerin - Additional info

Gene ID 50489
Gene Name CD207

Other Names

C-type lectin domain family 4 member K, Langerin, CD207, CD207, CLEC4K

Dilution

IHC-P~~Ready-to-use

Storage

Maintain refrigerated at 2-8°C

Precautions Langerin Antibody is for research use only

and not for use in diagnostic or

Calcium-dependent lectin displaying

against human immunodeficiency virus-1

therapeutic procedures.

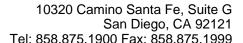
Langerin - Protein Information

Name CD207

Function

Synonyms CLEC4K

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





Cellular Location

Tissue Location

(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.

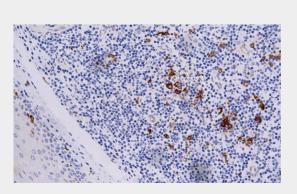
Membrane; Single-pass type II membrane protein. Note=Found in Birbeck granules (BGs), which are organelles consisting of superimposed and zippered membranes Exclusively expressed by Langerhans cells. Expressed in astrocytoma and malignant ependymoma, but not in normal brain tissues.

Langerin - Protocols

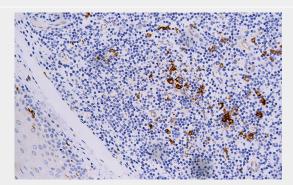
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Langerin - Images



Tonsil



Immunohistochemical analysis of paraffin-embedded human tonsil tissue using AD80237 performed on the Abcarta® FAIP-30 Fully automated IHC platform. Tissue was fixed with





Tel: 858.875.1900 Fax: 858.875.1999

formaldehyde at room temperature, antigen retrieval was by heat mediation with a EDTA buffer (pH9. 0). Samples were incubated with primary antibody(Ready-to-use) for 15 min at room temperature. AmpSeeTM Detection Systems[]Abcepta:AR005[] was used as the secondary antibody.