

Langerin Rabbit mAb
Catalog # AP77783**Specification**

Langerin Rabbit mAb - Product Information

Application	IHC
Primary Accession	O9UJ71
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	36725

Langerin Rabbit mAb - Additional Information**Gene ID** 50489**Other Names**
CD207**Dilution**
IHC~~1/50-1/100**Format**
Liquid**Langerin Rabbit mAb - Protein Information****Name** CD207**Synonyms** CLEC4K**Function**

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.

Cellular Location

Membrane; Single- pass type II membrane protein. Note=Found in Birbeck granules (BGs), which are organelles consisting of superimposed and zippered membranes

Tissue Location

Exclusively expressed by Langerhans cells. Expressed in astrocytoma and malignantependymoma, but not in normal brain tissues.

Langerin Rabbit mAb - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Langerin Rabbit mAb - Images

