

**Langerin Rabbit mAb**  
Catalog # AP77783**Specification**

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**Langerin Rabbit mAb - Product Information**

Application	IHC
Primary Accession	<a href="#">O9UJ71</a>
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

