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**Product Name: CD207 Rabbit Polyclonal Antibody****Catalog #: APRab08277**

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ELISA
<b>Reactivity</b>	Human,Rat,Mouse
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,ELISA 1:10000-1:20000
<b>Molecular Weight</b>	38kDa

**Antigen Information**

<b>Gene Name</b>	CD207
<b>Alternative Names</b>	CD207; CLEC4K; C-type lectin domain family 4 member K; Langerin; CD207
<b>Gene ID</b>	50489.0
<b>SwissProt ID</b>	Q9UJ71
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from the Internal region of human CD207. AA range:61-110

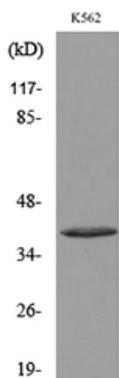
**Background**

The protein encoded by this gene is expressed only in Langerhans cells which are immature dendritic cells of the epidermis and

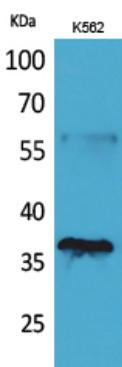
mucosa. It is localized in the Birbeck granules, organelles present in the cytoplasm of Langerhans cells and consisting of superimposed and zippered membranes. It is a C-type lectin with mannose binding specificity, and it has been proposed that mannose binding by this protein leads to internalization of antigen into Birbeck granules and providing access to a nonclassical antigen-processing pathway. Mutations in this gene result in Birbeck granules deficiency or loss of sugar binding activity. [provided by RefSeq, Aug 2010],function:Calcium-dependent lectin displaying mannose-binding specificity, Induces the formation of Birbeck granules (BGs); is a potent regulator of membrane superimposition and zippering.,online information:Langerin,similarity:Contains 1 C-type lectin domain.,subcellular location:Found in Birbeck granules (BGs), which are organelles consisting of superimposed and zippered membranes.,tissue specificity:Exclusively expressed by Langerhans cells.,

## Research Area

### Image Data



Western blot analysis of lysate from K562 cells, using CD207 Antibody.



Western Blot analysis of K562 cells using CD207 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000