



CD207 Polyclonal Antibody

E20-75275

Catalog Number:E20-75275

Host Species:Polyclonal, Rabbit

Purification:The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Immunogen Description:The antiserum was produced against synthesized peptide derived from the Internal region of human CD207. AA range:61-110

Calculated MW:36725Da

Formulation:Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Gene Name:CD207

Dilution:Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.

Protein Name:C-type lectin domain family 4 member K

Human Gene Id:50489

Human Swiss Prot No:Q9UJ71

Mouse Gene Id:246278

Mouse Swiss Prot No:Q8VBX4

Specificity:CD207 Polyclonal Antibody detects endogenous levels of CD207 protein.

Concentration:1 mg/ml

Storage Stability:-20°C/1 year

Other Name:CD207; CLEC4K; C-type lectin domain family 4 member K; Langerin; CD207

Observed Band(KD):38

Background:CD207 molecule(CD207) Homo sapiens 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

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Function: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.,

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

Expression:Exclusively expressed by Langerhans cells. Expressed in astrocytoma and malignant ependymoma, but not in normal brain tissues.

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