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Product datasheet for TA349377S

Langerin (CD207) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Mouse skin tissue lysate IHC: 250-500 Positive control: Human liver cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human CD207
Formulation:	pH7.4 PBS, 0.05% NaN3, 40% Glyceroln
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	37 kDa
Gene Name:	CD207 molecule
Database Link:	NP_056532 Entrez Gene 50489 Human Q9UJ71

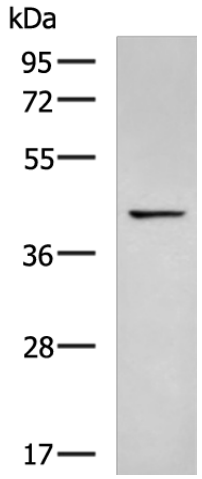
View online »

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.

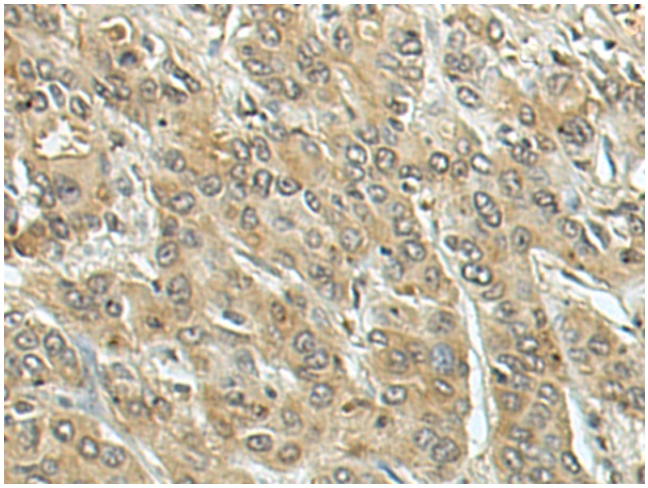
Synonyms: CLEC4K

Protein Families: Druggable Genome, Transmembrane

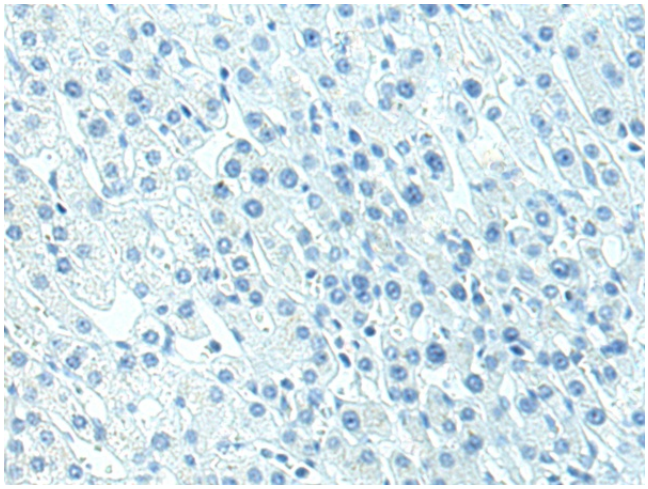
Product images:



Gel: 8%SDS-PAGE
Lysate: 40 µg
Lane: Mouse skin tissue lysate
Primary antibody: [TA349377] (CD207 Antibody) at dilution 1/1300
Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution
Exposure time: 1 minute



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA349377] (CD207 Antibody) at dilution 1/240 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA349377] (CD207 Antibody) at dilution 1/240, treated with fusion protein. (Original magnification: ×200)