

DNAxPAb

Hard-to-Find
Antibody

CD207 DNAxPab

Catalog # H00050489-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human CD207 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MTVEKEAPDAHFTVDKQNISLWPREPPPKSGPSLVPGKTPTVRAALICLTVLVASVLLQAVLYPR
FMGTISDVKTNVQLLKGRVDNISTLDSEIKKNSDGMEAAGVQIQMVNESLGIVRSQFLKLKTSVEK
ANAQILTRSWEEVSTLNAQIPELKSDLEKASALNTKIRALQGSLENMSKLLKRQNDILQVVSQGW
KYFKGNFYFSLIPKTWYSAEQFCVSRNSHLTSVTSESEQEFLYKTAGGLIYWIGLTKAGMEGDWS
WVDDTPFNKVQSARFWIPGEPNAGNNEHCGNIKAPSLQAWNDAPCDKTFLFICKRPYVPSEP

Host Rabbit

Reactivity Human

Purification Protein A

Quality Control Testing Antibody reactive against mammalian transfected lysate.

Storage Buffer In 1x PBS, pH 7.4

Storage Instruction Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — CD207

Entrez GeneID [50489](#)**GeneBank Accession#** [BC022278.1](#)**Protein Accession#** [AAH22278.1](#)**Gene Name** CD207**Gene Alias** CLEC4K**Gene Description** CD207 molecule, langerin**Omim ID** [604862](#)**Gene Ontology** [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations C-type lectin domain family 4, member K|CD207 antigen, langerin|Langerhans cell specific c-type lectin