

## Datasheet

### CD207 MaxPab mouse polyclonal antibody (B01)

**Catalog Number:** H00050489-B01

**Regulation Status:** For research use only (RUO)

**Product Description:** Mouse polyclonal antibody raised against a full-length human CD207 protein.

**Immunogen:** CD207 (AAH22278, 1 a.a. ~ 328 a.a)  
full-length human protein.

**Sequence:**

MTVEKEAPDAHFTVDKQNISLWPREPPPKSGPSLVPG  
KTPTVRAALICLTLVLVASVLLQAVLYPRFMGTISDVKT  
NVQLLKGRVDNISTLDSEIKKNSDGMEAAGVQIQMVN  
ESLGYVRSQFLKLKTSVEKANAQIQILTRSWEEVSTLN  
AQIPELKSDLEKASALNTKIRALQGSLENMSKLLKRQN  
DILQVVSQGWKYFKGNFYFSLIPKTWYSAEQFCVSR  
NSHLTSVTSESESEQEFLYKTAGGLIYWIGLTKAGMEGD  
WSWVDDTPFNKVQSARFWIPGEPNNAGNNEHCGNIK  
APSLQAWNDAPCDKTLFICKRPYPVSEP

**Host:** Mouse

**Reactivity:** Human

**Applications:** WB-Tr

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Storage Buffer:** No additive

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

**Entrez GeneID:** 50489

**Gene Symbol:** CD207

**Gene Alias:** CLEC4K

**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]