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# Datasheet for ABIN5611331 anti-CD207 antibody (AA 155-328)

4 Images



### Overview

Quantity:	0.1 mg
Target:	CD207
Binding Specificity:	AA 155-328
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS), Neutralization (Neut), Immunocytochemistry (ICC)

## Product Details

Immunogen:	Purified recombinant fragment of human CD207 (AA: extra 155-328) expressed in E. coli.
Clone:	1C5A1
lsotype:	lgG2b
Purification:	purified

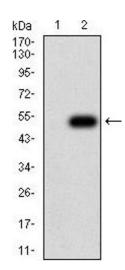
## Target Details

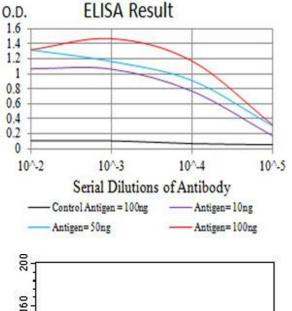
Target:	CD207
Alternative Name:	CD207 (CD207 Products)
Background:	Description: The protein encoded by this gene is expressed only in Langerhans cells which are immature dendritic cells of the epidermis and mucosa. It is localized in the Birbeck granules, organelles present in the cytoplasm of Langerhans cells and consisting of superimposed and

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# Target Details

	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.
	Aliases: CLEC4K
Molecular Weight:	36.7 kDa
Gene ID:	50489
HGNC:	50489
Application Details	
Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, ICC: N/A, FCM: 1:200 - 1:400, IHC: N/A
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified antibody in PBS with 0.05 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	4°C, -20°C for long term storage





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### Western Blotting

**Image 1.** Western blot analysis using CD207 mAb against HEK293 (1) and CD207 (AA: extra 155-328)-hlgGFc transfected HEK293 (2) cell lysate.

### ELISA

**Image 2.** Black line: Control Antigen (100 ng),Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line:Antigen (100 ng)

#### **Flow Cytometry**

**Image 3.** Flow cytometric analysis of K562 cells using CD207 mouse mAb (green) and negative control (red).

Please check the product details page for more images. Overall 4 images are available for ABIN5611331.

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