Anti-Human/Mouse CD207-175Lu

Catalog #: 3175016B
Package Size: 100 tests
Storage: Store product at 4°C. Do not freeze.
Cross Reactivity: Cynomolgus Monkey, Mouse, Human, Porcine

Technical Information

Validation: Each lot of conjugated antibody is quality control tested by CyTOF® analysis of stained cells using the appropriate positive and negative cell staining and/or activation controls.

Recommended Usage: The suggested use is 1 µl for up to 3 X 10^6 live cells in 100 µl. It is recommended that the antibody be titrated for optimal performance for each of the desired applications.

Description

CD207, also known as Langerin, is a C-type lectin expressed on specialized dendritic cells, known as Langerhans Cells. CD207 mediates carbohydrate-dependent uptake of pathogens in the first step of antigen presentation to the adaptive immune system and binds a diverse range of carbohydrates. Pathogens bound by CD207 include Mycobacterium leprae, viruses such as HIV, herpes simplex virus 2, and measles, and fungi including Candida species. CD207 mediates internalization of glycoconjugates into Birbeck granules, which are subdomains of the endosomal compartment unique to Langernhans cells, as the first step in antigen presentation.

References


Contact Information:

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