



[Go to Product page](#)

Datasheet for ABIN2662533  
**anti-CD207 antibody (PE)**

2 Images

### Overview

Quantity:	100 tests
Target:	CD207
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD207 antibody is conjugated to PE
Application:	Immunohistochemistry (IHC), Flow Cytometry (FACS)

### Product Details

Clone:	10E2
Isotype:	IgG1 kappa
Cross-Reactivity:	Cynomolgus
Purification:	The antibody was purified by affinity chromatography and conjugated with PE under optimal conditions. The solution is free of unconjugated PE and unconjugated antibody.

### Target Details

Target:	CD207
Alternative Name:	CD207 ( <a href="#">CD207 Products</a> )
Background:	CD207, also known as Langerin, is a 40 kD type II transmembrane cell glycoprotein which belongs to C-type lectin with mannose binding specificity. It is predominantly expressed on Langerhans cells and induces the formation of Birbeck granules, the Langerhans cell hallmark

## Target Details

organelle. It is also found on several other subtypes of dendritic cells, such as dermal CD103-positive dendritic cells and splenic CD8-positive dendritic cells. Langerin is generally thought to be involved in antigen processing. Recently, it has been found that HIV captured by Langerin was internalized into Birbeck granule and degraded, which results in inhibition of HIV-1 infection and subsequent transmission.

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Buffer: Phosphate-buffered solution, pH 7.2, containing 0.09 % sodium azide and 0.2 % (w/v) BSA .

Preservative: Sodium azide

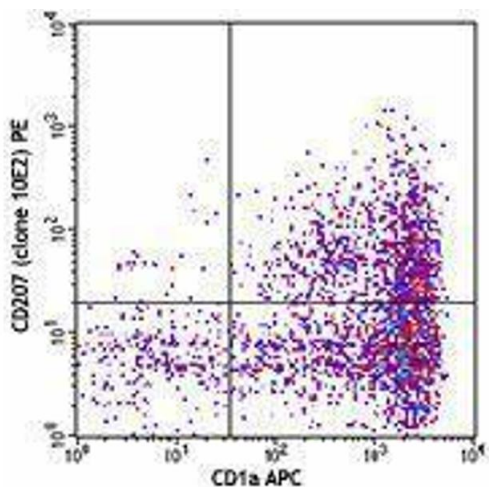
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Protect from prolonged exposure to light. Do not freeze.

Storage: 4 °C

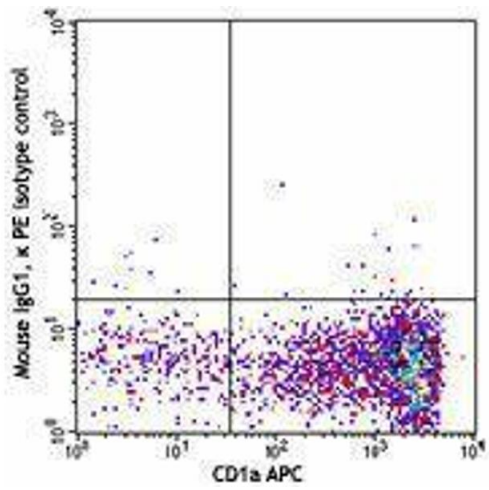
Storage Comment: The antibody solution should be stored undiluted between 2°C and 8°C.

## Images



### Flow Cytometry

Image 1.



Flow Cytometry

Image 2.