

Datasheet for ABIN2664380  
**anti-LY75/DEC-205 antibody**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µg
Target:	LY75/DEC-205 (LY75)
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This LY75/DEC-205 antibody is un-conjugated
Application:	Intracellular Flow Cytometry (ICFC)

## Product Details

Clone:	HD83
Isotype:	IgG1 kappa
Cross-Reactivity:	Monkey
Purification:	The antibody was purified by affinity chromatography.

## Target Details

Target:	LY75/DEC-205 (LY75)
Alternative Name:	CD205 ( <a href="#">LY75 Products</a> )
Background:	CD205, also known as DEC-205 and LY75, belongs to the macrophage mannose receptor (MMR) family of C-type lectins. Both human and mouse CD205 share multiple similar structures: an N-terminal cysteine-rich domain, a fibronectin type II domain, and a series of 10 tandemly repeated C-type like domains (CTLDs). CD205 is highly expressed on dendritic cells

## Target Details

and thymic cortical epithelial cells in humans and mice. It also can be detected on T and B cells, monocytes, neutrophils, and epithelial cells. CD205 is a novel endocytic receptor used by dendritic cells and thymic epithelial cells to direct captured antigens from the extracellular space to specialized antigen processing areas. It mediates antigen uptake and presentation and cross-presentation to T cells. It has been reported that CD205 acts as a recognition receptor for dying cells, which potentially provides an important pathway for the uptake of self-antigen in the intrathymic environment, and is involved in peripheral tolerance.

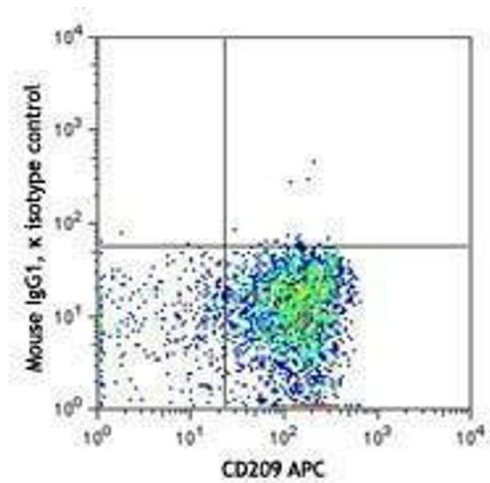
## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

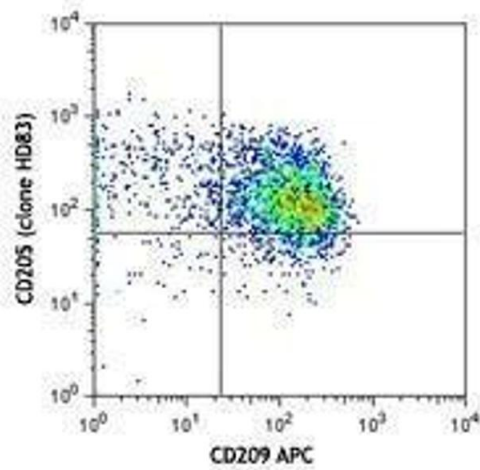
Concentration:	0.5 mg/mL
Buffer:	Phosphate-buffered solution, pH 7.2, containing 0.09 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	The antibody solution should be stored undiluted between 2°C and 8°C.

## Images



### Flow Cytometry

Image 1.



## Flow Cytometry

Image 2.