# antibodies

# Datasheet for ABIN2662529 anti-LY75/DEC-205 antibody (PE)

2 Images



#### Overview

Quantity:	100 µg
Target:	LY75/DEC-205 (LY75)
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This LY75/DEC-205 antibody is conjugated to PE
Application:	Flow Cytometry (FACS)

## Product Details

Clone:	NLDC-145
lsotype:	IgG2a kappa
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.

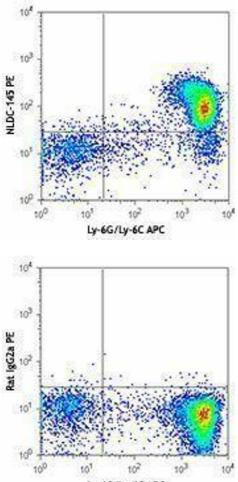
### Target Details

Target:	LY75/DEC-205 (LY75)
Alternative Name:	CD205 (LY75 Products)
Background:	CD205, also known as DEC-205, is a 205 kD integral membrane protein homologous to the
	macrophage mannose receptor. It is a type I cell surface protein that belong to the C-type lectin family. CD205 is expressed at high levels by dendritic cells and thymic epithelial cells. It is also
	expressed by a number of other cell types, such as B lymphocytes, macrophages, Langerhans

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN2662529 | 09/11/2023 | Copyright antibodies-online. All rights reserved. cells, bone marrow stromal cells, granulocytes, epithelial cells of pulmonary airways, and the capillaries of the brain. 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. 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, potentially provides an important pathway for the uptake of self-antigen in the intrathymic environment, and is involved in peripheral tolerance. Antibody-mediated antigen-targeting via the DEC-205 receptor increases the efficiency of vaccination for T cell immunity.

#### 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.
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.



Ly-6G/Ly-6C APC

#### Flow Cytometry

Image 1.

#### **Flow Cytometry**

Image 2.

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