

Datasheet for ABIN2662685  
**anti-LILRB4 antibody (PE)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µg
Target:	LILRB4
Reactivity:	Mouse
Host:	Armenian Hamster
Clonality:	Monoclonal
Conjugate:	This LILRB4 antibody is conjugated to PE
Application:	Flow Cytometry (FACS)

## Product Details

Clone:	H1-1
Isotype:	IgG
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:	LILRB4
Alternative Name:	CD85k ( <a href="#">LILRB4 Products</a> )
Background:	Gp49, also known as ILT3, gp49b1 or CD85k, is a 49 kD glycoprotein expressed on activated NK cells and myeloid cells. It structurally resembles killer inhibitory receptors (KIR). gp49B is a type I membrane protein belonging to the Ig superfamily and contains an immunoreceptor tyrosine-based inhibitory motif (ITIM), while gp49A is a truncated molecule without ITIM. Upon

## Target Details

activation following interaction with integrin  $\alpha$ vb3, the cytoplasmic tail associates with SHP-1 and SHP-2, which results in downregulation of cell activation and cytokine production.

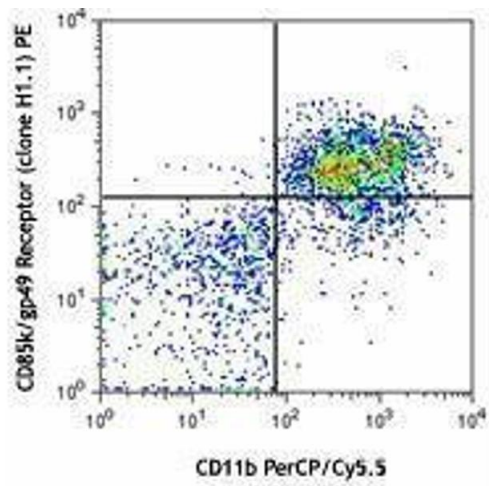
## Application Details

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

## Handling

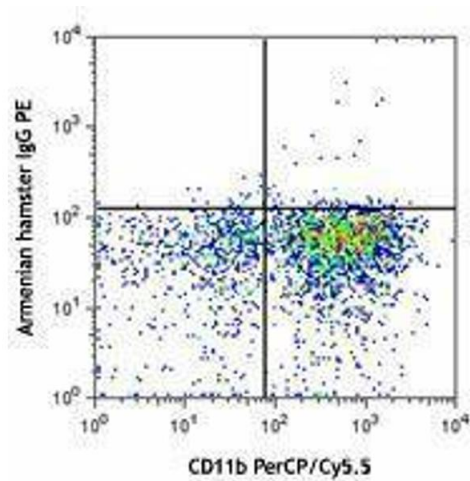
Concentration:	0.2 mg/mL
Buffer:	Phosphate-buffered solution, pH 7.2, containing 0.09 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Protect from prolonged 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.