

Datasheet for ABIN7013935  
**anti-CD93 antibody (PE)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 tests
Target:	CD93
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD93 antibody is conjugated to PE
Application:	Flow Cytometry (FACS)

## Product Details

Immunogen:	KG1 cell line
Clone:	VIMD2
Isotype:	IgG1
Specificity:	The mouse monoclonal antibody VIMD2 recognizes an extracellular epitope on CD93, an approximately 110-120 kDa glycoprotein expressed mainly on myeloid cells and endothelial cells.
Purification:	Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. Unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.

## Target Details

Target:	CD93
Alternative Name:	CD93 ( <a href="#">CD93 Products</a> )

## Target Details

**Background:** CD93 Molecule,CD93 (also known as C1qR1) is a type I transmembrane glycoprotein containing extracellular N-terminal C-type lectin domain and five EGF-like domains, and an intracellular tail interacting with moesin, a protein known to play a role in linking transmembrane proteins to the cytoskeleton and in the remodelling of the cytoskeleton. CD93 was reported to serve as a receptor for complement component C1q, but this function has not been fully elucidated yet. CD93 is involved in intercellular adhesion and in the clearance of apoptotic cells.,C1QR1, C1qRP, ECSM3, MXRA4, C1qR(P), dJ737E23.1

**Gene ID:** 22918

**UniProt:** [Q9NPY3](#)

## Application Details

**Application Notes:** Flow cytometry: The reagent is designed for analysis of human blood cells using 10 µL reagent / 100 µL of whole blood or 10<sup>6</sup> cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.

**Restrictions:** For Research Use only

## Handling

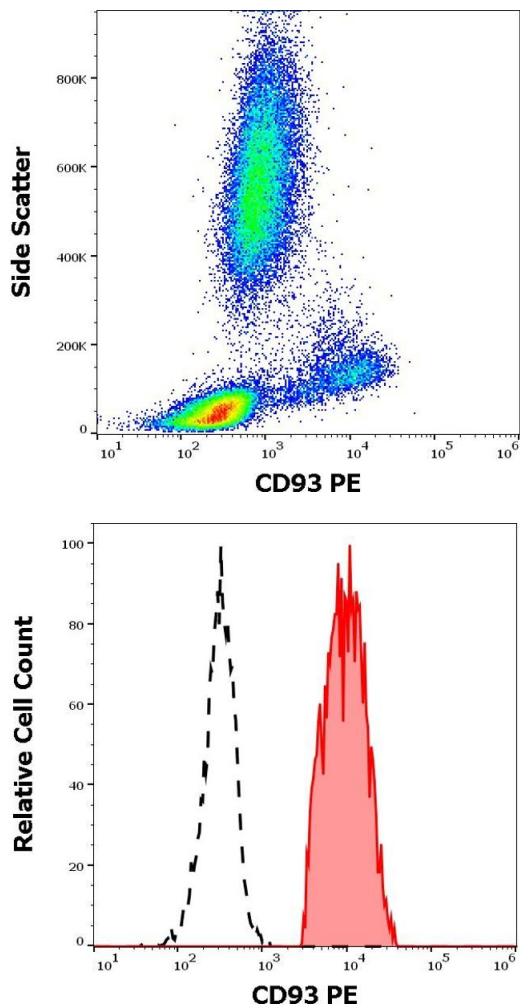
**Buffer:** Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide

**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:** Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.



#### Flow Cytometry

**Image 1.** Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human CD93 (VIMD2) PE antibody (10  $\mu$ L reagent / 100  $\mu$ L of peripheral whole blood).

#### Flow Cytometry

**Image 2.** Separation of human monocytes (red-filled) from CD93 negative lymphocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human CD93 (VIMD2) PE antibody (10  $\mu$ L reagent / 100  $\mu$ L of peripheral whole blood).