

Datasheet for ABIN7013932

anti-CD93 antibody**2** Images[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	CD93
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD93 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunoprecipitation (IP), Immunocytochemistry (ICC)

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 by protein-A affinity chromatography.

Target Details

Target:	CD93
Alternative Name:	CD93 (CD93 Products)

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: Recommended dilution: 1-4 µg/mL

Restrictions: For Research Use only

Handling

Concentration: 1 mg/mL

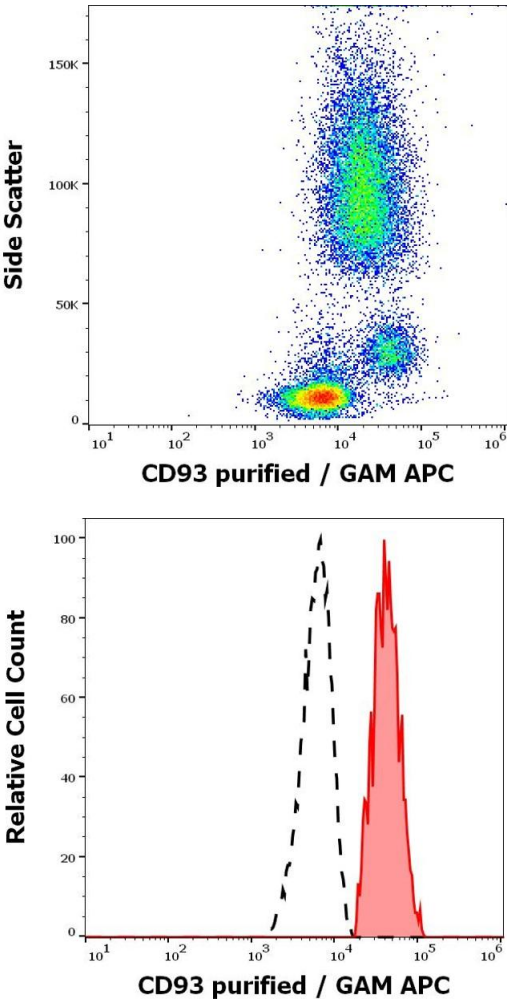
Buffer: Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide

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. Do not freeze.



Flow Cytometry

Image 1. Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human CD93 (VIMD2) purified antibody (concentration in sample 0.6 μ g/mL, GAM APC).

Flow Cytometry

Image 2. Separation of human monocytes (red-filled) from lymphocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human CD93 (VIMD2) purified antibody (concentration in sample 0.6 μ g/mL, GAM APC).