

Datasheet for ABIN7505965

**anti-SLC44A1 antibody****2** Images[Go to Product page](#)

## Overview

Quantity:	0.1 mg
Target:	SLC44A1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SLC44A1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

## Product Details

Purpose:	Anti-Hu CD92 Purified
Immunogen:	MV4-11 acute myeloid leukemia cells
Clone:	VIM15
Isotype:	IgG1
Specificity:	The mouse monoclonal antibody VIM15 recognizes an extracellular epitope of CD92, a 70 kDa transmembrane glycoprotein expressed mainly on human peripheral blood monocytes and neutrophils, and several myeloid and T-cell lines.
Purification:	Purified by protein-A affinity chromatography.

## Target Details

Target:	SLC44A1
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## Target Details

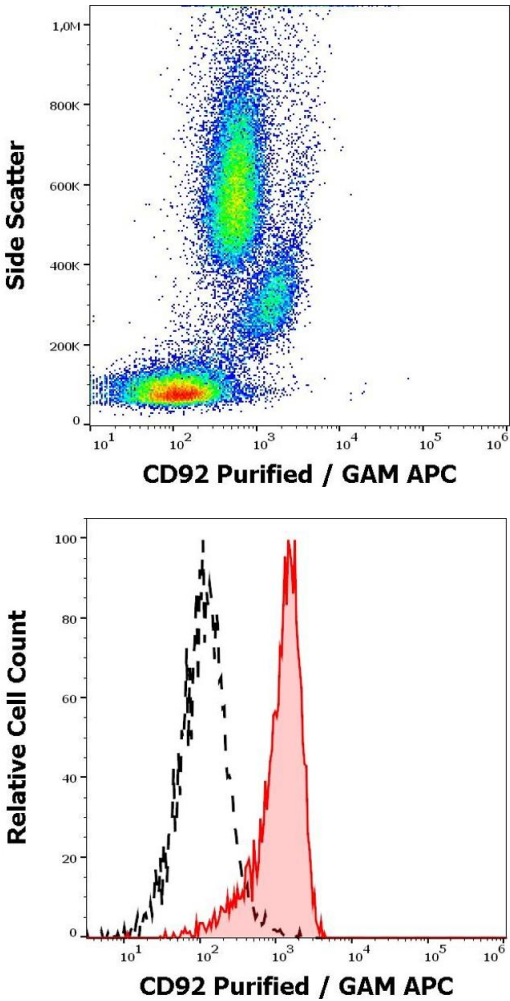
Alternative Name:	CD92 ( <a href="#">SLC44A1 Products</a> )
Background:	Solute carrier family 44 member 1,CD92 is a 70 kDa protein with ten transmembrane domains, intracellular N and C terminus, and two glycosylated larger extracellular loops. In the C-terminal domain, there is an ITIM-like sequence. This protein seems to be a choline transporter responsible for delivery of choline into the immune cells, to make it accessible for phospholipid synthesis, as well as a regulator of immune cell signaling. It is expressed mainly on human peripheral blood monocytes and neutrophils, and several myeloid and T-cell lines. It can also be found on mast cells (but not eosinophils), and weakly on peripheral blood lymphocytes, fibroblasts, epithelial cells, and endothelial cells.,CTL1, CHTL1, SLC44A1
Gene ID:	23446
UniProt:	<a href="#">Q8WWI5</a>

## 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 CD92 (VIM15) purified antibody (concentration in sample 0,6  $\mu$ g/mL, GAM APC).

### Flow Cytometry

**Image 2.** Separation of monocytes stained anti-human CD92 (VIM15) purified antibody (concentration in sample 0,6  $\mu$ g/mL, GAM APC, red-filled) from monocytes unstained by primary antibody (GAM APC, black-dashed) in flow cytometry analysis (surface staining).