

## ARG23626 anti-CD92 / SLC44A1 antibody [VIM-15b] (FITC)

Package: 50 µg  
Store at: 4°C

### Summary

Product Description	FITC-conjugated Mouse Monoclonal antibody [VIM-15b] recognizes CD92 / SLC44A1. This product recognizes the C-terminal variant of human CDw92 (isoform 3), also known as CTL1, a 70kDa multi-pass membrane protein, expressed by monocytes, neutrophils, certain myeloid and T cell lines, and weakly by endothelial cells, fibroblasts and epithelial cells. CDw92 is a member of the choline transporter-like protein family, so called due to their involvement in the efficient supply/transport of the natural amine choline, a vital cell nutrient required for the synthesis of cell membrane phospholipid components and the neurotransmitter acetylcholine. Clone VIM-15b is reported to augment the LPS-induced production of IL-10 by monocyte-derived dendritic cells (Mo-DCs), and the reduced expression of CDw92 by Mo-DCs treated with ionomycin or calcium ionophore, can be reinduced in the presence of IL-10 (Wille, S. et al.). Removal of Sodium Azide is recommended prior to use in functional assays.
Tested Reactivity	Hu
Tested Application	FACS
Host	Mouse
Clonality	Monoclonal
Clone	VIM-15b
Isotype	IgG2b
Target Name	CD92 / SLC44A1
Species	Human
Immunogen	MV4-11 acute monocyte leukaemia cells.
Conjugation	FITC
Alternate Names	CTL1; CD92; Choline transporter-like protein 1; CDw92; CDW92; CD antigen CD92; CHTL1; Solute carrier family 44 member 1

### Application Instructions

Application table	<table> <tr> <th>Application</th><th>Dilution</th></tr> <tr> <td>FACS</td><td>Neat - 1:10</td></tr> </table>	Application	Dilution	FACS	Neat - 1:10
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FACS	Neat - 1:10				
Application Note	<p>FACS: Use 10 µl of the suggested working dilution to label 10<sup>6</sup> cells in 100 µl.</p> <p>* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.</p>				

### Properties

Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS, 0.09% Sodium azide and 1% BSA.
Preservative	0.09% Sodium azide

Stabilizer	1% BSA
Concentration	0.1 mg/ml
Storage instruction	Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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Gene Symbol	SLC44A1
Gene Full Name	solute carrier family 44 (choline transporter), member 1
Function	Choline transporter. May be involved in membrane synthesis and myelin production. [UniProt]
Calculated Mw	73 kDa