

Product datasheet for **AM05591FC-N**

SLC44A1 Mouse Monoclonal Antibody [Clone ID: VIM-15b]

Product data:

Product Type:	Primary Antibodies
Clone Name:	VIM-15b
Applications:	FC
Recommended Dilution:	Flow Cytometry: Use 10 µl of neat-1/5 diluted antibody to label 1x10 ⁶ cells in 100 µl.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	MV4-11 acute monocyte leukaemia cells. Spleen cells from immunised Balb/c mice were fused with cells of the X63-Ag8.653 myeloma cell line.
Specificity:	This antibody is specific for the C-terminal variant of Human CDw92 (isoform 3), also known as CTL1. 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. Removal of Sodium Azide is recommended prior to use in Functional Assays.
Formulation:	PBS, pH 7.4 Label: FITC State: Liquid purified IgG fraction from Tissue Culture Supernatant Stabilizer: 1% BSA Preservative: 0.09% Sodium Azide Label: Fluorescein Isothiocyanate Isomer 1 Absorption emission: 490 nm / 525 nm
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	FITC



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Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Database Link:	Entrez Gene 23446 Human Q8WWI5
Background:	CDw92 is 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.
Synonyms:	CDw92, CTL1