

Product datasheet for **AM05590FC-N**

CD65s Mouse Monoclonal Antibody [Clone ID: VIM-2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	VIM-2
Applications:	FC
Recommended Dilution:	Flow Cytometry: 1/10.
Reactivity:	Human
Host:	Mouse
Isotype:	IgM
Clonality:	Monoclonal
Immunogen:	THP1 (human acute monocytic leukaemia cells)
Specificity:	This antibody selectively recognises the sialylated form of human CD65, known as CD65s (VIM-2 antigen). Cross-linking of the CD65s antigen using clone VIM-2, has been shown to induce phagocyte cytoplasmic calcium flux, oxidative burst and degranulation.
Formulation:	Phosphate buffered saline pH7.4 containing 0.09% Sodium Azide (NaN ₃), 1% Bovine Serum Albumin Label: FITC State: Liquid purified IgM Label: Fluorescein Isothiocyanate Isomer 1
Concentration:	lot specific
Purification:	Ammonium sulphate precipitation
Conjugation:	FITC
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. This product is photosensitive and should be protected from light.
Stability:	Shelf life: one year from despatch.



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Background: CD65 is a leucocyte carbohydrate antigen expressed by granulocytes, monocytes and leukaemic cells of myelomonocytic lineage. CD65s is aberrantly expressed on some acute myeloid leukaemias (AML) and clone VIM-2 has been reliably used as a marker for distinguishing between mature and undifferentiated AML. During normal myelopoiesis, expression of CD65s follows the disappearance of the progenitor antigen CD34.

Synonyms: CDw65