

ARG22761 anti-CD65s antibody [VIM-2] (FITC)

Package: 50 µg
Store at: 4°C

Summary

Product Description	<p>FITC-conjugated Mouse Monoclonal antibody [VIM-2] recognizes CD65s</p> <p>This antibody recognizes sialylated form of Human CD65, known as CD65s (VIM-2 antigen), a leucocyte carbohydrate antigen expressed by granulocytes, monocytes and leukaemic cells of myelomonocytic lineage.</p> <p>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.</p> <p>Cross-linking of the CD65s antigen using clone VIM-2, has been shown to induce phagocyte cytoplasmic calcium flux, oxidative burst and degranulation (Lund-Johansen et al. 1992).</p>
Tested Reactivity	Hu
Tested Application	FACS
Host	Mouse
Clonality	Monoclonal
Clone	VIM-2
Isotype	IgM
Target Name	CD65s
Species	Human
Immunogen	THP1 (human acute monocytic leukaemia cells)
Conjugation	FITC

Application Instructions

Application table	<table><thead><tr><th>Application</th><th>Dilution</th></tr></thead><tbody><tr><td>FACS</td><td>Neat - 1:10</td></tr></tbody></table>	Application	Dilution	FACS	Neat - 1:10
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Application Note	<p>FACS: Use 10 µl of the suggested working dilution to label 10⁶ 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	Purified by ammonium sulfate precipitation
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.

Images

ARG22761 anti-CD65s antibody [VIM-2] (FITC) FACS image

Flow Cytometry: Human peripheral blood granulocytes stained with ARG22761 anti-CD65s antibody [VIM-2] (FITC).

