



Mouse (monoclonal) Anti-Human Thrombospondin Receptor Gp IV CD36 FITC Conjugate

PRODUCT ANALYSIS SHEET

Catalog Number:	AHS3608
Lot Number:	See product label
Clone:	SMΦ
Quantity/Volume:	100 tests/1 mL
Form of Antibody:	Fluorescein isothiocyanate conjugated purified immunoglobulin in phosphate buffered saline with 0.1% BSA and 10 mM sodium azide (Caution: sodium azide is a hazardous and poisonous substance. Handle with care and dispose of properly.)
Purification:	Purified from tissue culture supernatant by ammonium sulfate precipitation followed by gel filtration.
Isotype:	IgM
Immunogen:	Human tonsil and peripheral blood mononuclear cells.
Specificity:	This monoclonal antibody recognizes CD36, a single chain membrane glycoprotein with $M_r = 90$ kDa present on monocytes/macrophages and platelets. CD36 is also known as platelet GpIV. CD36 serves as the collagen receptor, the thrombospondin receptor, the low density lipoprotein receptor, the <i>Plasmodium falciparum</i> receptor, and as a macrophage receptor for apoptotic cells.
Applications:	Flow cytometry.
Working Dilution:	Use a 10 μ L to label 10^6 cells for flow cytometry.
Storage:	Store at 2-8°C, protected from light. DO NOT FREEZE.
Expiration Date:	Expires one year from date of receipt when stored as instructed.

This product is for research use only. Not for use in diagnostic procedures.

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References:

Hogg, N., S. MacDonald, M. Slusarenko, and P.C. Beverley (1984) Monoclonal antibodies specific for human monocytes, granulocytes, and endothelium. *Immunology* 53:753-767.

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