



Qty: 100 µg/200 µl

Mouse anti-Fibronectin

Receptor

Catalog No. 13-2600

Lot No. See product label

Mouse anti-Fibronectin Receptor

FORM

Liquid. This monoclonal antibody is supplied in phosphate buffered saline, pH 7.4, with 0.1% sodium azide (NaN₃). Antibody was purified from ascites raised in Balb/C mice. The protein concentration is 0.5 mg/ml.

CLONE: SAM-1 **ISOTYPE:** IgG_{2b}

FUSION PARTNER: SP2/0

IMMUNOGEN: Purified monocytes

SPECIFICITY

This antibody reacts with the human fibronectin receptor, also known as VLA-5, CD49e, and alpha 5 integrin.⁽¹⁾

REACTIVITY: Human

USAGE

This antibody is suitable for flow cytometry, indirect immunofluorescence⁽²⁾, inhibition of T cell adhesion to endothelial cells⁽³⁾, immunoprecipitation, and cell staining. Each investigator should determine the optimal concentrations for their own assay.

STORAGE

Store at 2-8°C for up to one month. Store at -20°C for long-term storage. Avoid repeated freezing and thawing.

BACKGROUND

The fibronectin receptor is a member of the integrin class of cell surface receptors. This receptor is composed of an α5 and β1 chain. Integrins recognize the sequence R-G-D in their ligands.

(cont'd)

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PI132600

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REFERENCES

1. *Leucocyte Typing V* (S. Schlossman, eds., et al); Oxford Univ. Press, Oxford (in press).
2. Vennegoor, et al; *J. Immunol* 148 (4):1093-1101 (1992).
3. Keizer, G.D. et al; *Eur J Immunol* 17:1317-1322 (1987).

RELATED PRODUCTS

<i>Product</i>	<i>Clone</i>	<i>Cat. No.</i>
Ms x Fibronectin	Z055	03-5500
Goat anti-Mouse IgG (H+L) (ZyMAX™ Grade)	Purified	81-6500
	FITC	81-6511
	TRITC	81-6514
	Cy™3	81-6515
	Cy™5	81-6516
	HRP	81-6520
	AP	81-6522
	Biotin	81-6540
Protein A	Sepharose® 4B	10-1041
rec-Protein G	Sepharose® 4B	10-1241

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