

# BioCytex

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## DATA SHEET

# Anti Fibrinogen - FITC

(Cat #5009-F100T)

MOUSE MONOCLONAL ANTIBODY ANTI HUMAN BOUND FIBRINOGEN, FITC CONJUGATED

<b>Clone</b>	9F9
<b>Isotype</b>	IgG1, Kappa
<b>Partner of fusion</b>	Sp2/0-Ag14.
<b>Immunogen</b>	Purified human fibrinogen (band I) <sup>(1)</sup> .
<b>Specificity</b>	This antibody recognizes human fibrinogen bound to its receptor CD41/CD61 (GPIIb/IIIa, $\alpha_{IIb}\beta_3$ ), bound to plastic surface or cleaved by plasmin (D fragment) <sup>(1)</sup> <sup>(2)</sup> . The 9F9 epitope has been located in the NH <sub>2</sub> -terminal part of the $\gamma$ -chain of fragment D ( $\gamma$ 112-119) <sup>(2)</sup> .
<b>Application</b>	Flow Cytometry.
<b>Form</b>	FITC conjugated purified immunoglobulin in HEPES-CaCl <sub>2</sub> -BSA 0.1%, pH 7.2, liquid, 2 mL.
<b>Size</b>	100 tests, ready for use.
<b>Suggested amount</b>	20 $\mu$ L / test per 10 <sup>6</sup> cells in 20 $\mu$ L sample.
<b>Preservative</b>	Sodium azide < 0.1%.
<b>Limitation</b>	Sample with low platelet reactivity, sample with a deficiency of GPIIb/IIIa complex, sample containing FDP (Fibrin Degradation Products), sample containing anti platelet agents or anti aggregants.
<b>Storage</b>	The conjugated antibody should be stored in the dark at +2-8°C. Do not freeze.
<b>References</b>	1. Abrams CS. <i>et al.</i> Blood. 1990, 75(1), 128-138. 2. Ugarova TP. <i>et al.</i> J Biol Chem. 1993, 268(28), 21080-21087. 3. Bihour C. <i>et al.</i> Blood Coagul Fibrinolysis, 1995, 6(5), 395-410.
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