



## MOUSE ANTI-HUMAN INTEGRIN $\beta 3$ (GPIIIa, CD61) PRESERVATIVE FREE MONOCLONAL ANTIBODY

CATALOG NUMBER:	MAB1957Z	QUANTITY:	100 $\mu$ g
LOT NUMBER:		CONCENTRATION:	1 mg/mL
CLONE NAME:	25E11	HOST/ISOTYPE:	IgM
SPECIFICITY:	Reacts with human integrin $\beta 3$ (GPIIIa, vitronectin receptor beta chain). The antibody can be used to immunoprecipitate a complex of CD41 and CD61. The apparent molecular weight of the GPIIIa by SDS-PAGE in immunoprecipitation is 105 kDa reduced and 90 kDa unreduced (prelabelled surface proteins). Ligands are fibronectin, fibrinogen, von Willebrand factor, vitronectin and thrombospondin. Residues 237-248 of GPIIIa or CD61 are critical in adhesive protein binding. The monocytoid cell line U937 is highly positive.		
IMMUNOGEN:	Normal blood mononuclear cells activated by mixed lymphocyte reaction and cultured for 10 days in medium containing IL-2.		
APPLICATIONS:	Immunoprecipitation Immunocytochemistry (acetone fixation required). Flow cytometry Inhibits platelet aggregation, 10 $\mu$ g/mL Optimal working dilutions must be determined by end user.		
FORMAT:	Aseptically filtered purified immunoglobulin.		
PRESENTATION:	In buffer of 0.01M phosphate, 0.15M sodium chloride, pH 7.1, containing no preservatives.		
STORAGE/HANDLING:	Maintain at 2-8°C, for 6 months.		
REFERENCES:	1. <i>Cell</i> <b>45</b> :269-280 (1986). 2. <i>J. Immunol.</i> <b>156</b> (1): 284-8, (1996).		

**Important Note:** During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200  $\mu$ L or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.

FOR RESEARCH USE ONLY; NOT FOR USE IN DIAGNOSTIC  
PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION

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