



Mouse Anti-Human GP IIb/IIIa Monoclonal Antibody Datasheet

Product Name: mAb anti-Human GP IIb/IIIa	Clone No.: 291
Catalogue No.: MO-M40040J	Quantity: 0.5 mg/vial
Description: Mouse monoclonal antibody to human platelet membrane glycoprotein IIb/IIIa (GP IIb/IIIa)	Background: Human platelet membrane glycoprotein Glycoprotein IIb/IIIa (GP IIb/IIIa) is a dominate receptor on the platelet membrane with very high molecular weight (>200kDa). After the platelet is activated, the GP IIb/IIIa receptor complex changes conformation and binds to fibrinogen in blood circulation with high affinity. The activation of platelets is initiated locally when the endothelial layer is wounded and the platelets are exposed to the collagen underneath the endothelium. The fibrinogen aggregates with platelets when binding to the GP IIb/IIIa receptor on platelets, thus primary haemostasis (Platelet clot) is formed.
Purification: Protein G affinity purified	
Product Type: Primary antibody	
Target Protein: Human platelet membrane glycoprotein IIb/IIIa	
Immunogen: Human platelet suspension.	
Fusion Myeloma: Sp2/0-Ag14	
Specificity: The mAb reacts with human platelet.	
Species Reactivity: Human, others not tested	
Host / Isotype: Mouse, IgG2b Kappa	Applications: ELISA: The mAb is reactive to platelet coated ELISA plate. Other applications have not been evaluated.
Formulation: Lyophilized from a solution in 0.01M PBS, pH 7.2	
Reconstitution: Double distilled water is recommended to adjust the final concentration to 1.00mg/mL.	References: If research is published using this product, please inform Anogen in order to cite the reference on this datasheet. Anogen will provide one unit of product in the same category as gratitude.
Storage: Store at -20°C	
Research Area: Hematology, blood coagulation	

This product is for **LABORATORY RESEARCH USE** and further manufacture **ONLY**, and cannot be administrated to human and animals for use in diagnostic and therapeutic procedures.

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