

CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #: N42145M **Lot #:** 10H22122

Description: MAb to CD41 gpIIb IIIa
Monoclonal Antibody to CD41 gpIIb IIIa

Specificity: Reacts with gpIIb in the intact complex with gpIIIa, but not with IIb or IIIa, separately. Inhibits platelet aggregation induced by thrombin, collagen and ADP. The molecular weight of the recognized complex is 135 kDa/95 kDa.

Host Animal: Mouse **Isotype:** IgG₁, kappa

Source: Ascites

Immunogen: Human Platelets

Format: Purified, Lyophilized
Reconstitute with 1 mL distilled water.

Concentration: 0.2 mg/vial

Buffer: Lyophilized from Phosphate Buffered Saline with 1 mg/mL BSA.

Preservative: None

Applications: Fluorescence microscopy or Flow Cytometry: 2 µg/5x10⁶ platelets/test.
Immunohistochemistry: Working dilution: 1:50–1:100. Only suitable on frozen sections or cell smears.
Not recommended for use in Western blot.
Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Storage: Store lyophilized product at 2–8°C. After reconstitution, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles. The addition of 0.1% (w/v) Sodium Azide is recommended for storage of the reconstituted form for up to one month at 2–8°C.

Safety Note(s): Refer to the appropriate Safety Data Sheet (SDS) for additional information.

References: The references listed below are for research purposes only:
1. McGregor, J.L., et al., (1983), "Monoclonal antibodies against platelet membrane glycoproteins", Eur. J. Biochem., **131**, 427–436.
2. Phillips, D.R., (1988), "The Platelet membrane gp IIb IIIa complex", Blood, **71**, 831.
3. This antibody was studied at the Human Leucocyte Workshop in Oxford (1986).

Quality Signature:



09 Aug 2022

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY