

CERTIFICATE OF ANALYSIS

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

Catalog #: N42409M **Lot #:** 1K31622

Description: MAb to CD42b GPIb
Monoclonal Antibody to Human CD42b GPIb

Specificity: The molecular weight of the recognized antigen is 160 kDa. Reacts with glycoprotein Ib on megakaryocytes and platelets. Inhibits the ristocetin-dependent binding of Von Willebrand factor to platelets and ristocetin induced platelet agglutination. Inhibits platelet aggregation induced by Type I collagen and platelet activating factor (PAF). Immunoprecipitates the components of glycoprotein Ib complex.

Host Animal: Mouse **Isotype:** IgG₁

Source: Ascites

Immunogen: Human Washed Platelets

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

Purification: Protein A Chromatography

Concentration: Not Assigned

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

Preservative: None

Applications: Suitable for use in Flow Cytometry: 2 µg / 5 x 10⁶ platelets/test. 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 1 month at 2–8°C.

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

References: The reference listed below is for research purposes only:
Michelson, A. D., "CD42 cluster workshop report", (1995) Leucocyte Typing V, White Cell Differentiation Antigens, Schlossman, et al., Eds., Oxford University Press, p 1309–1310.

Quality Signature:



11 Nov 2022

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY