CCOA Biotechnology
CCOA Therapeutics

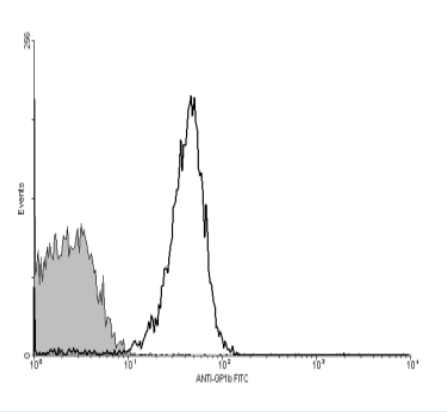
CCOA BIOTECHNOLOGY
DIVISION OF CCOA THERAPEUTICS INC.

NIT G: Anti-Murine CD42b (GPIbα), (Monoclonal antibody), (Mouse IgG1)

BACKGROUND

Glycoprotein Ibα (GPIbα), also known as CD42b, is a component of the GPIb-V-IX complex on platelets. The GPIb-V-IX complex binds von Willebrand factor, allowing platelet adhesion and platelet plug formation at sites of vascular injury. This monoclonal antibody is generated in hybridoma cells isolated from GPIbα knockout mice immunized with wild-type mouse platelets.

DATA EXAMPLE



NIT G binds to mouse platelets. C57 wild-type mouse platelets were incubated with PBS buffer (negative control, grey color) or monoclonal antibody NIT G (2.5μg/ml, dark color) for 1 hour, stained with FITC-labeled goat anti-mouse IgG for 45min, then analyzed by flow cytometry.

- PRODUCT TYPE: Primary Antibodies
- PRODUCT CODE: NIT G
- APPLICATIONS
  Immunofluorescence, Immunohistochemistry, Flow cytometry
- RECOMMEND DILUTION
  1:200 for flow cytometry
- SPECIES REACTIVITY: Mouse
- HOST: Mouse
- ISOTYPE: IgG1
- CATEGORIES: Monoclonal
- SPECIFICITY: CD42b / GPIbα
- IMMUNOGEN
  Wild-type mouse platelets to immunize GPIbα knockout mice
- FORMULATION: PBS buffer (PH 7.3)
- CONCENTRATION: 1.0 mg/mL
- PURIFICATION
  Purified from serum free cell culture supernatant by affinity chromatography using protein G column
- STORAGE
  Store at 4° C, **DO NOT FREEZE**. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.
- RESEARCH USE
  For research use only. Not for use in diagnostic procedures.
- PROTOCOLS
  See our website for detailed protocols and support products.