CCOA Biotechnology
CCOA Therapeutics

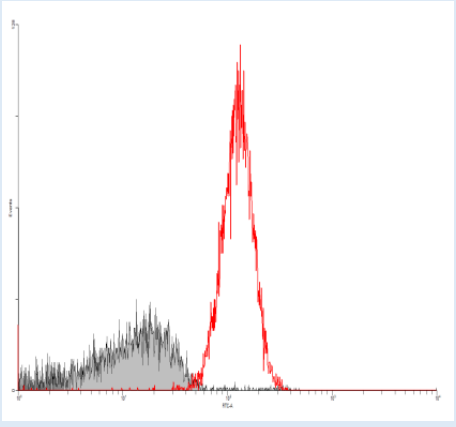
CCOA BIOTECHNOLOGY
DIVISION OF CCOA THERAPEUTICS INC.

JAN D: Anti-Human / Murine/ Rat / Pig CD61 (β3 integrin, GPIIIa), (Monoclonal antibody), (Mouse IgG1)

BACKGROUND

Antigen CD61, also known as β3 subunit, is an integrin family protein that pairs with αIIb or αV subunits, which is important for both outside-in and inside-out signaling contributing to cell adhesion. αIIbβ3 integrin (i.e. glycoprotein (GP) IIbIIIa) is the central receptor of platelet aggregation. αVβ3 integrin plays a critical role in angiogenesis. This monoclonal antibody is generated by immunizing β3 knockout mice with wild-type mouse platelets.

DATA EXAMPLE



JAN D binds to mouse platelets. C57 wild-type mouse platelets were incubated with PBS buffer (negative control, grey color) or monoclonal antibody JAN D (2.5μg/ml, red 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: JAN D
- APPLICATIONS
  Immunofluorescence, Immunohistochemistry, Flow cytometry
- RECOMMEND DILUTION
  1:200 for flow cytometry
- SPECIES REACTIVITY: Human, Mouse, Rat and Pig
- HOST: Mouse
- ISOTYPE: IgG1
- CATEGORIES: Monoclonal
- SPECIFICITY: CD61 / β3 / GPIIIa
- IMMUNOGEN
  Wild-type mouse platelets to immunize β3 integrin 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.