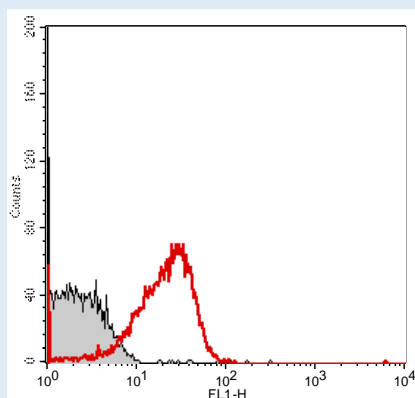


M1: Anti-Human / Murine/ Rat / Pig CD61 ($\beta 3$ integrin, GPIIIa), (Monoclonal antibody), (Mouse IgG1)

BACKGROUND

Antigen CD61, also known as $\beta 3$ 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. $\alpha IIb\beta 3$ integrin (i.e. glycoprotein (GP) IIb/IIIa) is the central receptor of platelet aggregation. $\alpha V\beta 3$ integrin plays a critical role in angiogenesis. This monoclonal antibody is generated in hybridoma cells isolated from $\beta 3$ knockout mice immunized with wild-type mouse platelets.

DATA EXAMPLE



M1 binds to mouse platelets. C57 wild-type mouse platelets were incubated with PBS buffer (negative control, grey color) or monoclonal antibody M1 (2.5 µg/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:** M1
- ❖ **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 / $\beta 3$ / GPIIIa
- ❖ **IMMUNOGEN**
Wild-type mouse platelets to immunize $\beta 3$ 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.