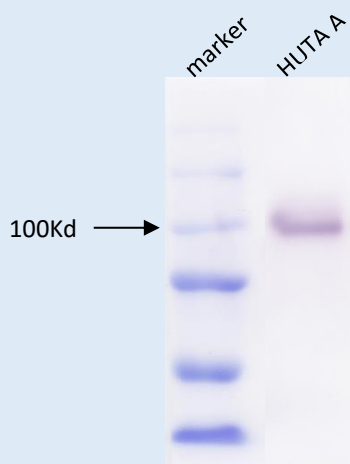


### HUTA: Anti-Human CD61 ( $\beta 3$ integrin, GPIIIa), (Monoclonal antibody), (Mouse IgG2a)

#### BACKGROUND

Antigen CD61, also known as  $\beta 3$  subunit, is an integrin family protein that pairs with  $\alpha$ Ib or  $\alpha$ V subunits, which is important for both outside-in and inside-out signaling contributing to cell adhesion.  $\alpha$ Ib $\beta 3$  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 purified recombinant human  $\beta 3$  integrin.

#### DATA EXAMPLE



*HUTA A binds to human platelets.*  $10^6$  human platelets per well were run in 10% SDS-PAGE gel under non-reducing condition. After transfer, the PVDF membrane was incubated with HUTA A antibody followed by AP-conjugated anti-mouse IgG and developed using BCIP/NBT.

- ❖ **PRODUCT TYPE:** Primary Antibodies
- ❖ **PRODUCT CODE:** HUTA A
- ❖ **APPLICATIONS**  
Immunofluorescence, Immunohistochemistry, Flow cytometry, Western Blot
- ❖ **RECOMMEND DILUTION**  
1:200 for flow cytometry
- ❖ **SPECIES REACTIVITY:** Human
- ❖ **HOST:** Mouse
- ❖ **ISOTYPE:** IgG2a
- ❖ **CATEGORIES:** Monoclonal
- ❖ **SPECIFICITY:** CD61 /  $\beta 3$  / GPIIIa
- ❖ **IMMUNOGEN**  
Purified recombinant human  $\beta 3$  integrin
- ❖ **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.