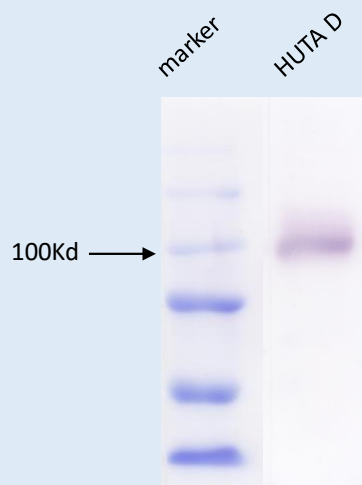


HUTA D: Anti-Human / Murine CD61 ($\beta 3$ integrin, GPIIIa), (Monoclonal antibody), (Mouse IgG1)

BACKGROUND

Antigen CD61, also known as $\beta 3$ integrin, is an integrin family protein comprised of $\alpha IIb/\alpha V$ and $\beta 3$ subunits that performs 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 an important 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 D 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 D antibody followed by AP-conjugated anti-mouse IgG and developed using BCIP/NBT.

- ❖ **PRODUCT TYPE:** Primary Antibodies
- ❖ **PRODUCT CODE:** HUTA D
- ❖ **APPLICATIONS**
Immunofluorescence, Immunohistochemistry, Flow cytometry, Western Blot
- ❖ **RECOMMEND DILUTION**
1:200 for flow cytometry
- ❖ **SPECIES REACTIVITY:** Human, Mouse
- ❖ **HOST:** Mouse
- ❖ **ISOTYPE:** IgG1
- ❖ **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 (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.