

Integrin beta 3 (ITGB3/CD61) Rabbit mAb

Catalog No.: A19073 **Recombinant** **12 Publications**

Basic Information

Observed MW

100 kDa

Calculated MW

87 kDa

Category

Primary antibody

Applications

WB,IP,FC (intra),ELISA

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC0460

Background

The ITGB3 protein product is the integrin beta chain beta 3. Integrins are integral cell-surface proteins composed of an alpha chain and a beta chain. A given chain may combine with multiple partners resulting in different integrins. Integrin beta 3 is found along with the alpha IIb chain in platelets. Integrins are known to participate in cell adhesion as well as cell-surface mediated signalling.

Recommended Dilutions

WB 1:1000 - 1:5000

IP 0.5 µg - 4 µg antibody for
200 µg - 400 µg extracts
of whole cells

FC (intra) 1:50 - 1:200

ELISA Recommended starting
concentration is 1 µg/mL.
Please optimize the
concentration based on
your specific assay
requirements.

Contact

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Immunogen Information

Gene ID

3690

Swiss Prot

P05106

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

GT; GT2; CD61; GP3A; BDPLT2; GPIIIa; BDPLT16; BDPLT24; Integrin beta 3 (ITGB3/CD61)

Product Information

Source

Rabbit

Isotype

IgG

Purification

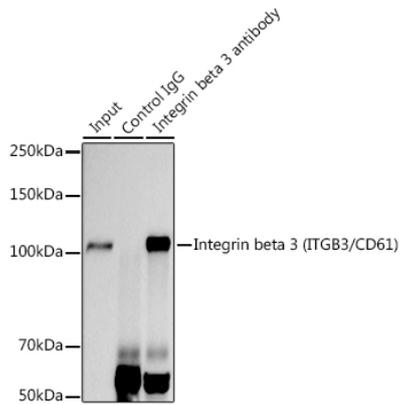
Affinity purification

Storage

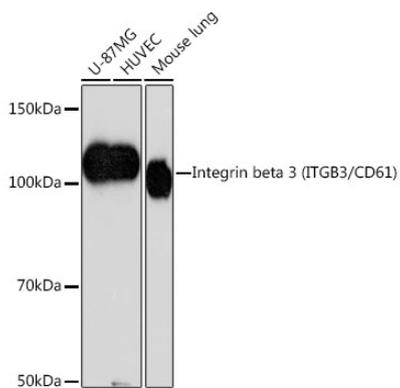
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Immunoprecipitation analysis of 300 µg extracts of U-87MG cells using 3 µg Integrin beta 3 (ITGB3/CD61) antibody (A19073). Western blot was performed from the immunoprecipitate using Integrin beta 3 (ITGB3/CD61) antibody (A19073) at a dilution of 1:1000.



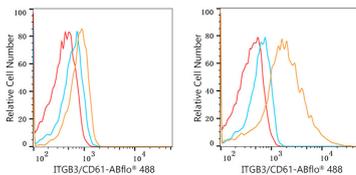
Western blot analysis of various lysates using Integrin beta 3 (ITGB3/CD61) Rabbit mAb (A19073) at 1:1000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.



Flow cytometry: 1×10^6 U-937 cells (negative control, left) and HEL cells (right) were intracellularly-stained with Integrin beta 3 (ITGB3/CD61) Rabbit mAb (A19073, 2.5 µg/mL, orange line) or Rabbit IgG isotype control (AC042, 2.5 µg/mL, blue line), followed by FITC conjugated goat anti-rabbit pAb (1:200 dilution) staining. Non-fluorescently stained cells were used as blank control (red line).