

Integrin beta 3 (ITGB3/CD61) Rabbit mAb

Catalog No.: A19073 **Recombinant** **8 Publications**

Basic Information

Observed MW

100kDa

Calculated MW

87kDa

Category

Primary antibody

Applications

WB,IHC-P,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 - 1:2000

IHC-P 1:100 - 1:1000

IP 0.5µg-4µg antibody for
200µg-400µg 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.

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 with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

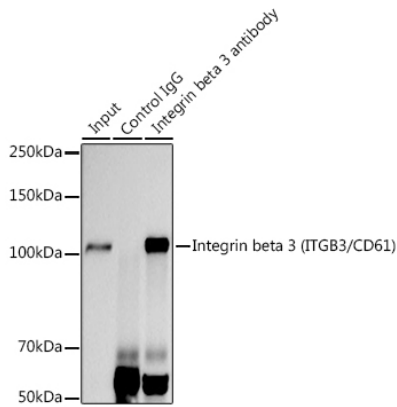
Contact

☎ | 400-999-6126

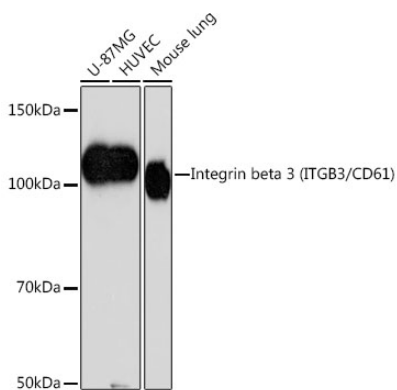
✉ | cn.market@abclonal.com.cn

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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.



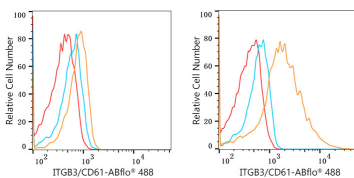
Western blot analysis of various lysates using Integrin beta 3 (ITGB3/CD61) Rabbit mAb (A19073) at 1:1000 dilution.

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

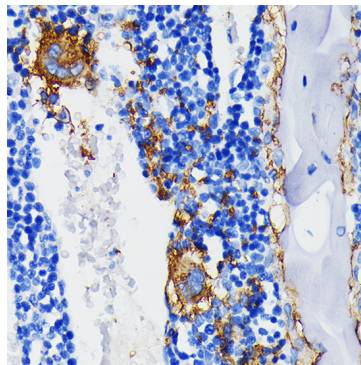
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

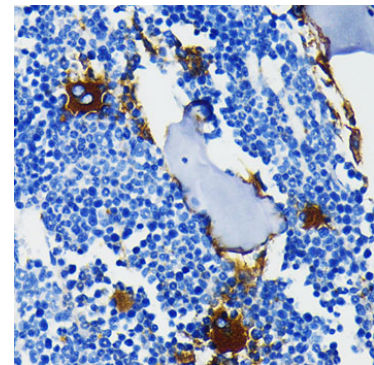
Exposure time: 90s.



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).



Immunohistochemistry analysis of paraffin-embedded Rat bone marrow using Integrin beta 3 (ITGB3/CD61) Rabbit mAb (A19073) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse bone marrow using Integrin beta 3 (ITGB3/CD61) Rabbit mAb (A19073) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.