Integrin beta 1 Monoclonal Antibody

Catalog No.  A11060
Applications  WB, IHC
Cross-reactivity  Human, Mouse, Rat
Observed MW  100-130kDa
Calculated MW  87kDa/88kDa/91kDa

Immunogen Information
Immunogen  Recombinant protein of human ITGB1
Gene ID  3688
Swiss prot  P05556
Synonyms  ITGB1; CD29; FNRB; GPPIA; MDF2; MSK12; VLA-BET A; VLAB; integrin beta-1

Product information
Source  Rabbit
Isotype  IgG
Purification method  Affinity purification
Storage  Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Background
Integrins are heterodimeric proteins made up of alpha and beta subunits. At least 18 alpha and 8 beta subunits have been described in mammals. Integrin family members are membrane receptors involved in cell adhesion and recognition in a variety of processes including embryogenesis, hemostasis, tissue repair, immune response and metastatic diffusion of tumor cells. This gene encodes a beta subunit. Multiple alternatively spliced transcript variants which encode different protein isoforms have been found for this gene.

Recommended Dilutions
WB  1:500 - 1:2000
IHC  1:50 - 1:200


Immunohistochemistry of paraffin-embedded mouse stomach using ITGB1 antibody (A11060) at dilution of 1:100 (40x lens).

Immunohistochemistry of paraffin-embedded human colon carcinoma using ITGB1 antibody (A11060) at dilution of 1:100 (40x lens).

Immunohistochemistry of paraffin-embedded mouse stomach using ITGB1 antibody (A11060) at dilution of 1:100 (40x lens).
Immunohistochemistry of paraffin-embedded human liver cancer using ITGB1 antibody (A11060) at dilution of 1:100 (40x lens).

Immunohistochemistry of paraffin-embedded human colon carcinoma using ITGB1 antibody (A11060) at dilution of 1:100 (40x lens).

Immunohistochemistry of paraffin-embedded mouse colon using ITGB1 antibody (A11060) at dilution of 1:100 (40x lens).