

Integrin beta 4 (ITGB4/CD104) Rabbit pAb

Catalog No.: A0857 **1 Publications**

Basic Information

Catalog No.

A0857

Observed MW

202kDa

Calculated MW

106kDa/194kDa/195kDa/200kDa/202kDa

Category

Primary antibody

Applications

WB, IHC

Cross-Reactivity

Human, Mouse, Rat

Recommended Dilutions

WB 1:500 - 1:2000**IHC** 1:50 - 1:100

Contact

 | www.abclonal.com

Background

Integrins are heterodimers comprised of alpha and beta subunits, that are noncovalently associated transmembrane glycoprotein receptors. Different combinations of alpha and beta polypeptides form complexes that vary in their ligand-binding specificities. Integrins mediate cell-matrix or cell-cell adhesion, and transduced signals that regulate gene expression and cell growth. This gene encodes the integrin beta 4 subunit, a receptor for the laminins. This subunit tends to associate with alpha 6 subunit and is likely to play a pivotal role in the biology of invasive carcinoma. Mutations in this gene are associated with epidermolysis bullosa with pyloric atresia. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.

Immunogen Information

Gene ID

3691

Swiss Prot

P16144

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 28-310 of human Integrin beta 4 (Integrin beta 4 (ITGB4/CD104)/CD104) (NP_000204.3).

Synonyms

ITGB4;CD104;GP150

Product Information

Source

Rabbit

Isotype

IgG

Purification

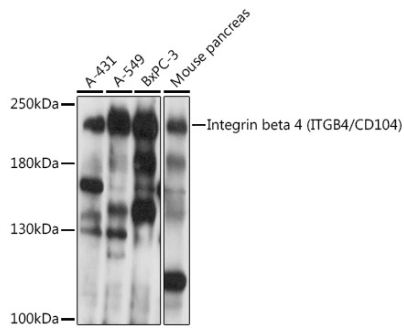
Affinity purification

Storage

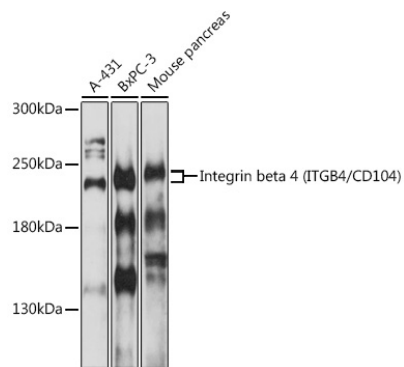
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using Integrin beta 4 (Integrin beta 4 (ITGB4/CD104)/CD104) antibody (A0857) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 10s.



Western blot analysis of extracts of various cells, using Integrin beta 4 (Integrin beta 4 (ITGB4/CD104)/CD104) antibody (A0857) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.