Integrin beta 4 (ITGB4/CD104) Rabbit mAb

ABclonal www.abclonal.com

Catalog No.: A4596 Recombinant 2 Publications

Basic Information

Observed MW

210kDa

Calculated MW

202kDa

Category

Primary antibody

Applications

WB,ELISA

Cross-Reactivity

Human, Mouse

CloneNo number

ARC1046

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.

Recommended Dilutions

WB 1:500 - 1:1000

ELISA

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

Immunogen Information

Gene ID Swiss Prot 3691 P16144

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

CD104; GP150; JEB5A; JEB5B; Integrin beta 4 (ITGB4/CD104)

Contact

a		400-999-6126
\bowtie		cn.market@abclonal.com.cn
\odot	Т	www.abclonal.com.cn

Product Information

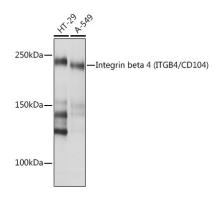
Source Isotype **Purification** Rabbit IgG Affinity purification

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



Western blot analysis of various lysates using Integrin beta 4 (ITGB4/CD104) Rabbit mAb (A4596) at 1:1000 dilution

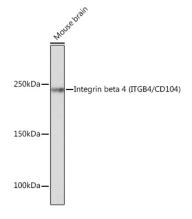
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 10s.



Western blot analysis of lysates from Mouse brain, using Integrin beta 4 (ITGB4/CD104) Rabbit mAb

(A4596) at 1:500 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 Enhanced Kit (RM00021).

Exposure time: 3min.