

Integrin $\beta 4$ polyclonal antibody

Catalog: BS90727

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Integrins are heterodimers composed of noncovalently associated transmembrane α and β subunits. The 16 α and 8 β subunits heterodimerize to produce more than 20 different receptors. Most integrin receptors bind ligands that are components of the extracellular matrix, including Fibronectin, collagen and vitronectin. Certain integrins can also bind to soluble ligands, such as fibrinogen, or to counterreceptors on adjacent cells such as the intracellular adhesion molecules (ICAMs), leading to aggregation of cells. Integrin $\beta 4$ (ITGB4), also known as CD104, is a 1,822 amino acid single-pass type I membrane protein belonging to the Integrin β chain family. Known to associate with Integrin $\alpha 6$, Integrin $\beta 4$ functions as a receptor for Laminin and is predominantly expressed by epithelia. Integrin $\beta 4$ exists as five alternatively spliced isoforms that are encoded by a gene located on human chromosome 17q25.1.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

210 kDa

Swiss-Prot:

P16144 (Human) A2A863(Mouse)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:1,000-1:2,000

IHC:1:50-1:200

Storage&Stability:

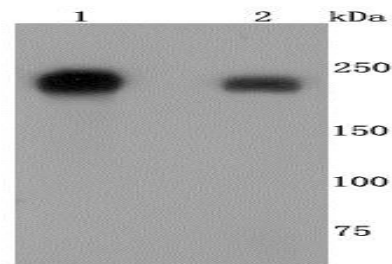
Store at +4 °C after thawing. Aliquot store at -20 °C or

-80 °C. Avoid repeated freeze / thaw cycles.

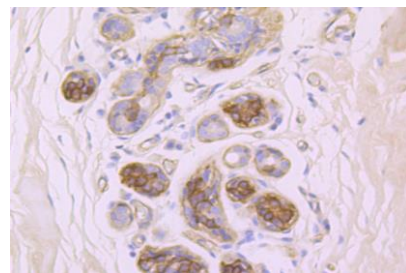
Specificity:

Integrin $\beta 4$ polyclonal antibody detects endogenous levels of Integrin $\beta 4$ protein.

DATA:



Western blot analysis of Integrin beta 4 on Jurkat cells lysates using anti-Integrin beta 4 antibody at 1/500 dilution. Positive control: Line 1: A431 Line 2: A549



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue using anti-Integrin beta 4 antibody. Counter stained with hematoxylin.

Note:

For research use only, not for use in diagnostic procedure.

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: info@biogot.com

Tel: 0086-025-68037686

Fax: 0086-025-68035151