

For Research Use Only

Integrin beta 4 Recombinant monoclonal antibody, PBS Only

Catalog Number: 87416-5-PBS



Basic Information

Catalog Number:

87416-5-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG10479

GenBank Accession Number:

GeneID (NCBI):

3691

Full Name:

integrin, beta 4

Observed MW:

200 kDa

Purification Method:

Protein A purification

CloneNo.:

252740E5

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

Background Information

Integrins are cell adhesion receptors that are heterodimers composed of non-covalently associated alpha and beta subunits. Integrin beta 4 (ITB4) is predominantly expressed in squamous epithelial cells, endothelial cells, immature thymocytes, Schwann cells, and fibroblasts of the peripheral nervous system (PMID: 28084395). Integrin beta-4 pairs with alpha-6, and the heterodimeric integrin alpha-6/beta-4 is a receptor for laminin. Integrin alpha-6/beta-4 plays a critical structural role in the hemidesmosome of epithelial cells, and also plays a role in the invasive and metastatic phenotype of various cancers.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

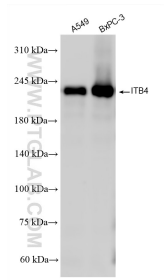
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87416-5-RR (ITB4 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87416-5-PBS in a different storage buffer formulation.