

For Research Use Only

Integrin Alpha 3 Recombinant monoclonal antibody

Catalog Number: 88002-1-RR



Basic Information

Catalog Number:

88002-1-RR

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG4683

GenBank Accession Number:

NM_013565.3

GeneID (NCBI):

16400

UNIPROT ID:

Q62470-1

Full Name:

integrin alpha 3

Calculated MW:

117 kDa

Observed MW:

130-140 kDa

Purification Method:

Protein A purification

CloneNo.:

260079F2

Recommended Dilutions:

WB: 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

mouse

Positive Controls:

WB : mouse lung tissue, mouse colon tissue, mouse kidney tissue

Background Information

Integrin Alpha 3 (ITGA3), also named as CD49c, GAPB3, and FRP-2, belongs to the integrin alpha chain family. It is a receptor for fibronectin, laminin, collagen, epiligrin, thrombospondin, and CSPG4. ITGA3 may mediate with LGALS3 the stimulation by CSPG4 of endothelial cell migration. ITGA3 is highly concentrated in epithelial cells, where it strongly adheres to Laminin-5, and Laminin-5-induced rapid adhesion can be blocked by antibodies against the alpha-3 integrin subunit.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

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

Aliquoting is unnecessary for -20°C storage

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

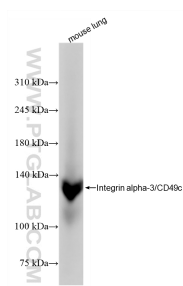
T: 4006900926

E: Proteintech-CN@ptglab.com

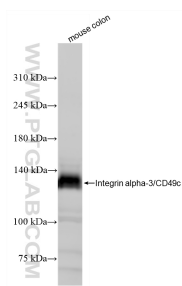
W: ptgcn.com

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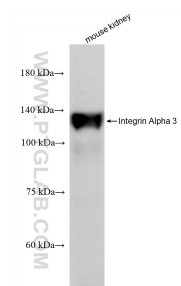
Selected Validation Data



mouse lung tissue were subjected to SDS PAGE followed by western blot with 88002-1-RR (Integrin alpha-3/CD49c antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



mouse colon tissue were subjected to SDS PAGE followed by western blot with 88002-1-RR (Integrin alpha-3/CD49c antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



mouse kidney tissue were subjected to SDS PAGE followed by western blot with 88002-1-RR (Integrin Alpha 3 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.