Integrin beta 3 Rabbit mAb

Catalog No: #48762

Package Size: #48762-1 50ul #48762-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	Integrin beta 3 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	SJ19-09
Purification	ProA affinity purified
Applications	WB, IHC, ICC/IF
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Other Names	BDPLT16 antibody BDPLT2 antibody CD 61 antibody CD61 antibody CD61 antigen antibody GP3A antibody GPIIIa antibody GT antibody HPA 1 antibody HPA 4 antibody Integrin beta 3 (platelet glycoprotein IIIa antigen CD61) antibody Integrin beta chain beta 3 antibody Integrin beta-3 antibody ITB3_HUMAN antibody ITG B3 antibody ITGB 3 antibody ITGB3 antibody NAIT antibody Platelet fibrinogen receptor beta subunit antibody Platelet fibrinogen receptor, beta subunit antibody Platelet glycoprotein IIIa antibody Platelet glycoprotein IIIa precursor antibody Platelet membrane glycoprotein IIIa antibody PTP antibody
Accession No.	Swiss-Prot#:P05106
Uniprot	P05106
GeneID	3690;
Calculated MW	87 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

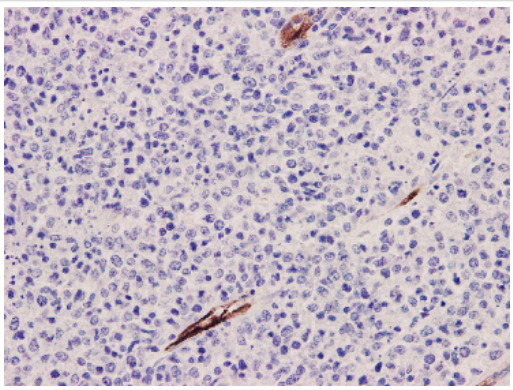
Application Details

WB: 1:1,000

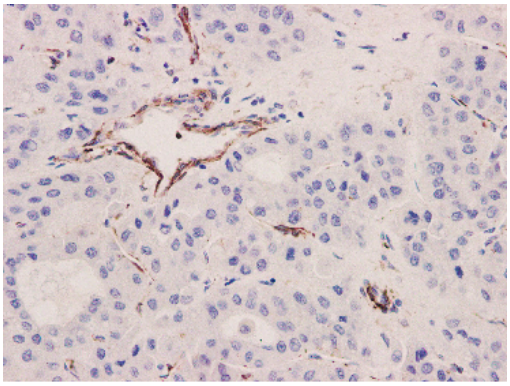
IHC: 1:50-1:200

ICC: 1:50-1:200

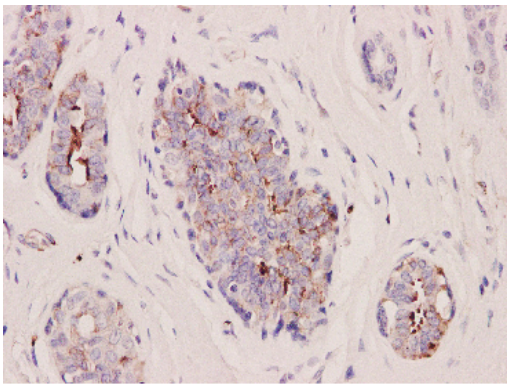
Images



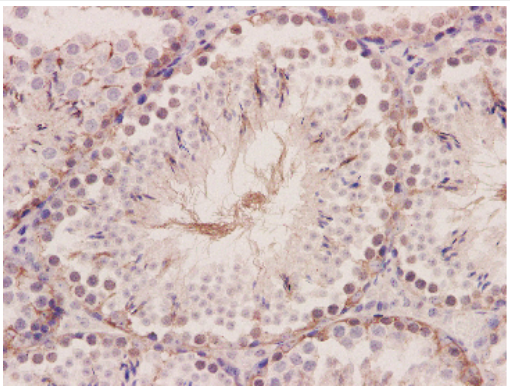
#48762 at 1/100 staining human spleen cancer by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



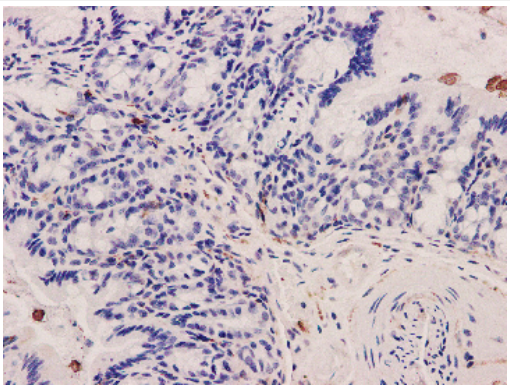
#48762 at 1/100 staining human liver cancer by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



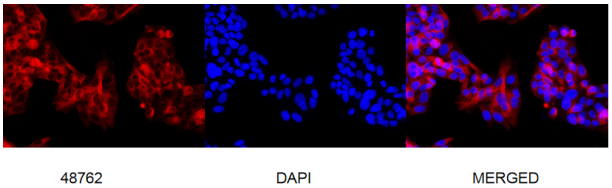
#48762 at 1/100 staining human breast cancer by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



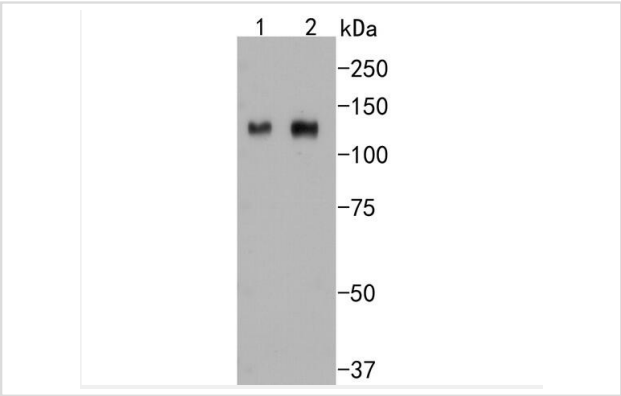
#48762 at 1/100 staining mouse testis by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



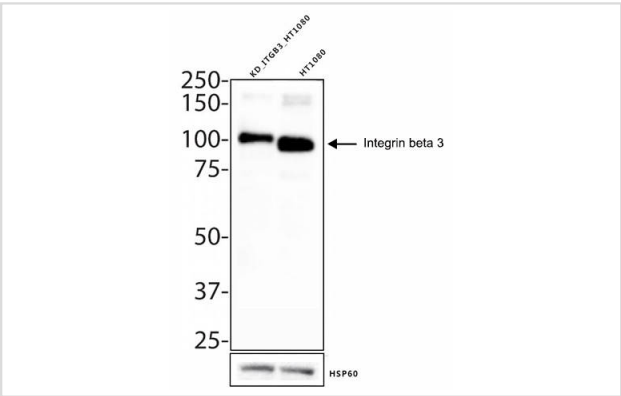
#48762 at 1/100 staining mouse colon by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



ICC staining Integrin beta 3 in HepG2 Cells(red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Western blot analysis of Integrin beta 3 on HUVEC cells lysates using anti- Integrin beta 3 antibody at 1/1,000 dilution.



Western blotting analysis using Integrin beta 3 Antibody #48762.

Background

Integrins are heterodimers composed of noncovalently associated transmembrane a and b subunits. The 16 a and 8 b 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. Ligands serve to cross-link or cluster integrins by binding to adjacent integrin receptors; both receptor clustering and ligand occupancy are necessary for the activation of integrin-mediated responses. In addition to mediating cell adhesion and cytoskeletal organization, integrins function as signaling receptors. Signals transduced by integrins play a role in many biological processes, including cell growth, differentiation, migration and apoptosis.

Note: This product is for in vitro research use only