Mouse anti-Human, Pig Integrin Beta 1 (ITGb1) Monoclonal Antibody | anti-ITGb1 antibody

Monoclonal Antibody to Integrin Beta 1 (ITGb1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA149541	**Mouse**	**Human, Pig**	**Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

Integrin Beta 1 (ITGb1); Monoclonal Antibody; Monoclonal Antibody to Integrin Beta 1 (ITGb1); CD29; MSK12; ITG-B1; FNRB; GPIIA; MDF2; VLAB; Fibronectin Receptor Beta Polypeptide; Antigen CD29 Includes MDF2; Glycoprotein IIa; VLA-4 subunit beta; anti-ITGb1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Pig
Clonality	Monoclonal
Isotype	IgG1 Kappa
Clone Number	C1
Specificity	The antibody is a mouse monoclonal antibody raised against ITGb1. It has been selected for its ability to recognize ITGb1 in immunohistochemical staining and western blotting.
Purity/Purification	Protein A + Protein G Affinity Chromatography
Form/Format	Liquid; 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence	Asp140~Ile 383
Applicable Applications for anti-ITGb1 antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Sequence	Asp140~Ile383
Cross Reactivity	Human
Conjugation	None
Preparation and Storage	Store at 4 degree C for frequent use. Aliquot and store at -20 degree C for 12 months. Avoid repeated freeze/thaw cycles. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

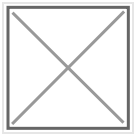
IMAGES



IHC (Immunohistochemisry)
DAB staining on IHC-P; Samples: Human Liver Tissue; Primary Ab: 30ug/ml Mouse Anti-Human ITGb1 AntibodySecond Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



IHC (Immunohiostchemistry)
DAB staining on IHC-P; Samples: Human Kidney Tissue; Primary Ab: 30ug/ml Mouse Anti-Human ITGb1 Antibody Second Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



WB (Western Blot)
Western Blot; Sample: Recombinant ITGb1, Human.

ADDITIONAL INFORMATION

Product Categories/Family for anti-ITGb1 antibody	CD & Adhesion Molecule; Tumor Immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	19743813
NCBI GeneID	3688
NCBI Accession #	NP_002202.2
NCBI GenBank Nucleotide #	NM_002211.3
UniProt Accession #	P05556; P78466; P78467; Q13089; Q13090; Q13091; Q13212; A8K6N2; D3DRX9; D3DRY3; D3DRY4; D3DRY5
Molecular Weight	88,415 Da
NCBI Official Full Name	integrin beta-1 isoform 1A
NCBI Official Synonym Full Names	integrin, beta 1 (fibronectin receptor, beta polypeptide, antigen CD29 includes MDF2, MSK12)
NCBI Official Symbol	ITGB1
NCBI Official Synonym Symbols	CD29; FNRB; MDF2; VLAB; GPIIA; MSK12; VLA-BETA
NCBI Protein Information	integrin beta-1; glycoprotein IIa; integrin VLA-4 beta subunit; very late activation protein, beta polypeptide
UniProt Protein Name	Integrin beta-1
UniProt Gene Name	**ITGB1**
UniProt Synonym Gene Names	FNRB; MDF2; MSK12; GPIIA
UniProt Entry Name	ITB1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/integrin-beta-1-itgb1-antibody-clone-c1-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/149541