

Rabbit anti-Mouse Integrin beta 1 Polyclonal Antibody | anti-ITGB1 antibody

Anti-Integrin beta 1 Antibody, Rabbit Polyclonal

CATALOG # AAA255073	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Immunoprecipitation, Western Blot
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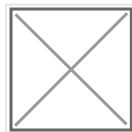
PRODUCT SYNONYMS

Integrin beta 1; Polyclonal Antibody; Anti-Integrin beta 1 Antibody; Rabbit Polyclonal; Integrin beta 1/ITGB1 Antibody; Rabbit PAb; Antigen Affinity Purified; integrin; beta 1 (fibronectin receptor; beta polypeptide; antigen CD29 includes MDF2; MSK12); Anti-4633401G24Rik Antibody; Anti-AA409975 Antibody; Anti-AA960159 Antibody; Anti-CD29 Antibody; Anti-ENSMUSG00000051907 Antibody; Anti-Fnrb Antibody; Anti-Gm9863 Antibody; Anti-gpIIa Antibody; anti-ITGB1 antibody

PRODUCT SPECIFICATIONS

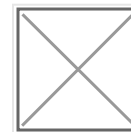
Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Mouse Integrin beta 1/ITGB1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-ITGB1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the center region of the Mouse Integrin beta 1/ITGB1
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the center region of the Mouse Integrin beta 1/ITGB1, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IP (Immunoprecipitation)

LCP1 was immunoprecipitated using: Lane A: 0.5 mg Jurkat Whole Cell Lysate 4 uL anti-LCP1 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-LCP1 rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 70 kDa. Observed band size: 70 kDa.



WB (Western Blot)

Anti-ITGB1 rabbit polyclonal antibody at 1:500 dilution. Lane A: Raw264.7 Whole Cell Lysate. Lane B: Mouse heart tissue lysate. Lane C: Mouse kidney tissue lysate. Lane D: Mouse spleen tissue lysate. Lysates/proteins at 30 ug per lane. Secondary: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 88 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-ITGB1 antibody	ITGB1 (Integrin Subunit Beta 1) is a Protein Coding gene. This gene encodes a beta subunit, which is a type 1 transmembrane protein of the integrin beta chain family. ITGB1 is a heterodimeric cell-surface receptor involved in cell functions such as proliferation, migration, invasion, and survival. ITGB1 has been recognized to play a major role in tumor growth, invasion, and metastasis. Using luciferase assays, the researcher identified ITGB1 as a direct target of miR-134. ITGB1 is a direct target of miR-493-5p suggesting that ITGB1 and miR-493-5p may have potential prognostic value and may be useful as tumor biomarkers for the identification of NSCLC patients. Diseases associated with ITGB1 include Gallbladder Cancer and Breast Cancer.
Product Categories/Family for anti-ITGB1 antibody	Cardiac Stem Cell Markers; Actin Dynamics Signaling Pathway

NCBI AND UNIPROT INFORMATION

NCBI GI #	124964
NCBI GeneID	16412
UniProt Accession #	P09055; Q3TIW5; Q3TWH6; Q60993; Q61126; Q8BTU0; Q8BVU1; F6R105
Molecular Weight	88,700 Da
NCBI Official Full Name	Integrin beta-1
NCBI Official Synonym Full Names	integrin beta 1 (fibronectin receptor beta)
NCBI Official Symbol	Itgb1
NCBI Official Synonym Symbols	CD29; Fnrb; gpIIa; Gm9863; AA409975; AA960159; 4633401G24Rik; ENSMUSG00000051907
NCBI Protein Information	integrin beta-1; VLA-4 subunit beta; fibronectin receptor subunit beta
UniProt Protein Name	Integrin beta-1
UniProt Gene Name	Itgb1
UniProt Entry Name	ITB1_MOUSE

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/polyclonal/integrin-beta-1-antibody-immunoprecipitation-western-blot-elisa/255073>