

Rabbit ITGB1 Polyclonal Antibody | anti-ITGB1 antibody

ITGB1 (Phospho-Tyr795) Antibody

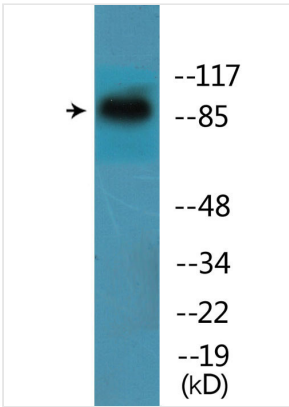
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA318336	Rabbit	Human, Mouse, Rat	ELISA, Western Blot

PRODUCT SYNONYMS

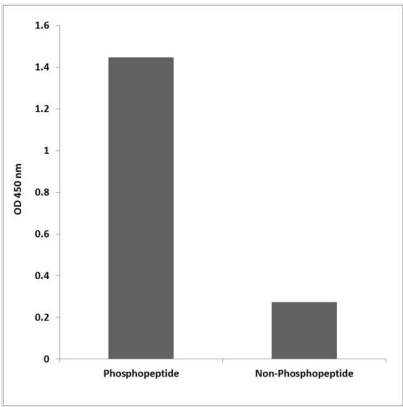
ITGB1; Polyclonal Antibody; ITGB1 (Phospho-Tyr795) Antibody; CD29; Fibronectin receptor beta subunit; FNRB; integrin beta-1; Integrin beta-1 precursor; Integrin VLA-4 beta subunit; ITB1; anti-ITGB1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	ITGB1 (Phospho-Tyr795) Antibody detects endogenous levels of ITGB1 only when phosphorylated at Tyr795.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Form/Format	Rabbit IgG in phosphate buffered saline (Phospho-without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	801
Applicable Applications for anti-ITGB1 antibody	ELISA, WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:Y795; M:Y795; R:Y796
Immunogen	The antiserum was produced against synthesized phospho-peptide derived from human ITGB1 around the phosphorylation site of Tyr795.
Preparation and Storage	Stable at -20 degree C for at least 1 year.



WB (Western Blot)
Western blot analysis of lysates from HeLa cells treated with H₂O₂, using ITGB1 (Phospho-Tyr795) Antibody.



ELISA
Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using ITGB1 (Phospho-Tyr795) Antibody

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 kDa
NCBI Official Full Name	integrin beta-1 isoform 1A
NCBI Official Synonym Full Names	integrin subunit beta 1
NCBI Official Symbol	ITGB1
NCBI Official Synonym Symbols	CD29; FNRB; MDF2; VLAB; GPIIA; MSK12; VLA-BETA
NCBI Protein Information	integrin beta-1
UniProt Protein Name	Integrin beta-1
UniProt Gene Name	ITGB1
UniProt Synonym Gene Names	FNRB; MDF2; MSK12; GPIIA

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.