

Integrin beta1 Antibody | anti-ITB1 antibody

Integrin beta1 (Phospho-Thr788) Antibody

CATALOG # AAA111908	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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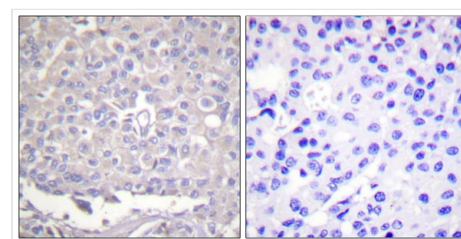
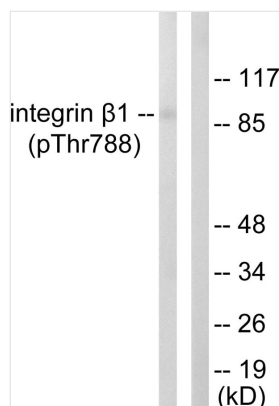
PRODUCT SYNONYMS

Integrin beta1; Integrin beta1 (Phospho-Thr788) Antibody; CD29; FNRB; Fibronectin receptor beta subunit; Integrin VLA-4 beta subunit; Integrin beta-1 precursor; integrin beta-1; anti-ITB1 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	Integrin beta1 (Phospho-Thr788) antibody detects endogenous levels of integrin beta1 only when phosphorylated at threonine 788.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	798
Applicable Applications for anti-ITB1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human integrin beta1 around the phosphorylation site of threonine 788 (A-V-TP-T-V).
All Sites	Human: Thr788 Mouse: Thr788 Rat: Thr789
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using Integrin beta1 (Phospho-Thr788) antibody. Western blot analysis of extracts from HeLa cells, treated with UV (15mins), using Integrin beta1 (Phospho-Thr788) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-ITB1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Yves Benninger, J. Neurosci., Jul 2006; 26: 7665-7673. Deepak K. Sharma, Cancer Res., Sep 2005; 65: 8233-8241. Lia Scotti Campos, J. Biol. Chem., Feb 2006; 281: 5300-5309.

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	88,884 Da
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.

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Online datasheet: <https://stage.aaabiotech.com/itb1-human-mouse-rat-antibody/integrin-beta1/111908>