

## ITGB1 (Phospho-Tyr795) Antibody

Catalog No: #11824



Package Size: #11824-1 50ul #11824-2 100ul

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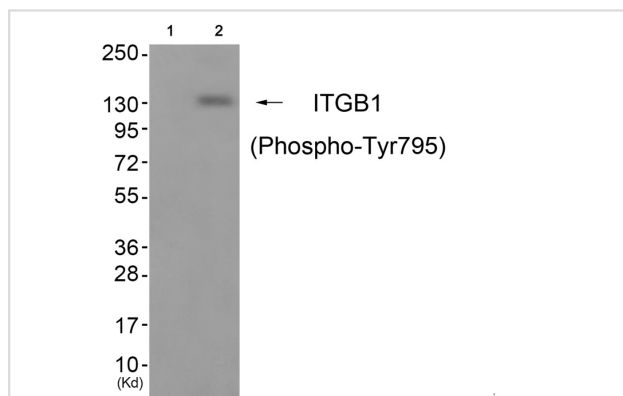
## Description

Product Name	ITGB1 (Phospho-Tyr795) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Applications	WB
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of ITGB1 only when phosphorylated at tyrosine 795.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 795(P-K-Y(p)-E-G) derived from Human ITGB1 .
Target Name	ITGB1
Modification	Phospho
Other Names	CD29; FNRB; ITB1;
Accession No.	Swiss-Prot#: P05556; NCBI Gene#: 3688; NCBI Protein#: NP_002202.2.
SDS-PAGE MW	140kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C/1 year

## Application Details

Western blotting: 1:500~1:1000

## Images



Western blot analysis of extracts from cos-7 cells (Lane 2), using ITGB1 (Phospho-Tyr795) Antibody #11824. The lane on the left is treated with antigen-specific peptide.

## Background

Integrins are heterodimeric proteins made up of alpha and beta subunits. At least 18 alpha and 8 beta subunits have been described in mammals. Integrin family members are membrane receptors involved in cell adhesion and recognition in a variety of processes including embryogenesis, hemostasis, tissue repair, immune response and metastatic diffusion of tumor cells. This gene encodes a beta subunit. Multiple alternatively spliced transcript variants which encode different protein isoforms have been found for this gene.

Argaves W.S., J. Cell Biol. 105:1183-1190(1987).

Ota T., Nat. Genet. 36:40-45(2004).

Bechtel S., BMC Genomics 8:399-399(2007).

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.