



## ITGB1 (Phospho-Tyr795) Antibody

E11-8519A

**Catalog Number:** E11-8519A

**Concentration:** 1mg/ml

**Swiss-Prot No.:** P05556

**Other Names:** CD29; Fibronectin receptor beta subunit; FNRB; integrin beta-1; Integrin beta-1 precursor; Integrin VLA-4 beta subunit; ITB1

**All Sites:** Human: Tyr795; Mouse: Tyr795; Rat: Tyr796

**Storage/Stability:** Store at -20°C/1 year

**Form of Antibody:** 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.

**Immunogen:** The antiserum was produced against synthesized phosphopeptide derived from human ITGB1 around the phosphorylation site of tyrosine 795 (P-K-Y<sup>P</sup>-E-G).

**Purification:** The antibody was 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.

**Specificity:** ITGB1 (Phospho-Tyr795) antibody detects endogenous levels of ITGB1 only when phosphorylated at tyrosine 795.

**Reactivity:** Human (Identities = 100%, Positives = 100%);

Mouse (Identities = 100%, Positives = 100%);

Rat (Identities = 100%, Positives = 100%)

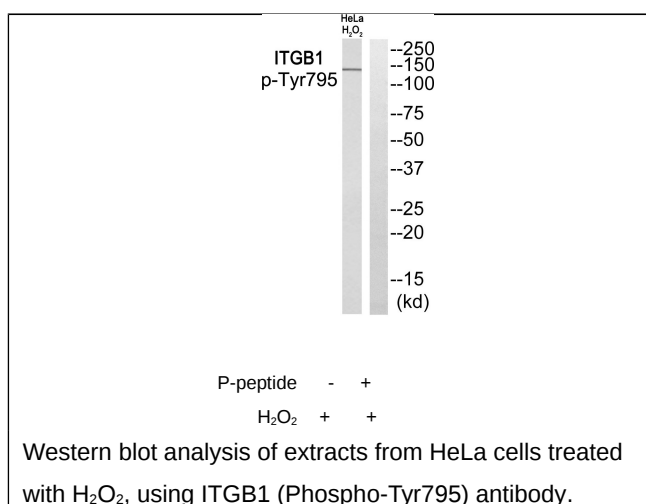
**Applications:** WB: 1:500~1:1000 ELISA: 1:40000

### References:

[Agraves 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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