

## Product datasheet for **TA311970**

### Integrin beta 1 (ITGB1) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1:500~1:3000, IHC: 1:50~1:100, IF: 1:100~1:500, ELISA: 1:1000
Reactivity:	Human, Mouse, Rat
Modifications:	Phospho-specific
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The antiserum was produced against synthesized phosphopeptide derived from human Integrin $\beta$ 1 around the phosphorylation site of threonine 789 (V-T-TP-V-V).
Formulation:	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.
Concentration:	lot specific
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	integrin subunit beta 1
Database Link:	<a href="#">NP_002202</a> <a href="#">Entrez Gene 16412 Mouse</a> <a href="#">Entrez Gene 24511 Rat</a> <a href="#">Entrez Gene 3688 Human</a> <a href="#">P05556</a>
Synonyms:	CD29; FNRB; GPIIA; MDF2; MSK12; VLA-BETA; VLAB
Note:	Integrin .1 (Phospho-Thr789) antibody detects endogenous levels of Integrin .1 only when phosphorylated at threonine 789.
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS, Transmembrane



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**Protein Pathways:**

Arrhythmogenic right ventricular cardiomyopathy (ARVC), Axon guidance, Cell adhesion molecules (CAMs), Dilated cardiomyopathy, ECM-receptor interaction, Focal adhesion, Hypertrophic cardiomyopathy (HCM), Leukocyte transendothelial migration, Pathogenic Escherichia coli infection, Pathways in cancer, Regulation of actin cytoskeleton, Small cell lung cancer