

# **Product datasheet for TA311969**

#### 9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com

CN: techsupport@origene.cn

OriGene Technologies, Inc.

## Integrin beta 1 (ITGB1) Rabbit Polyclonal Antibody

**Product data:** 

**Product Type:** Primary Antibodies

Applications: WB

Recommended Dilution: WB: 1:500~1:3000, ELISA: 1:1000

Reactivity: Human, Mouse, Rat

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

**Immunogen:** The antiserum was produced against synthesized non-phosphopeptide derived from human

Integrin β1 around the phosphorylation site of threonine 789 (V-T-TP-V-V).

Formulation: Phosphate buffered saline (without Mg2+ and Ca2+), 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: NP 002202

Entrez Gene 16412 MouseEntrez Gene 24511 RatEntrez Gene 3688 Human

P05556

Synonyms: CD29; FNRB; GPIIA; MDF2; MSK12; VLA-BETA; VLAB

**Note:** Integrin .1 (Ab-789) antibody detects endogenous levels of total Integrin .1 protein.

**Protein Families:** Druggable Genome, ES Cell Differentiation/IPS, Transmembrane

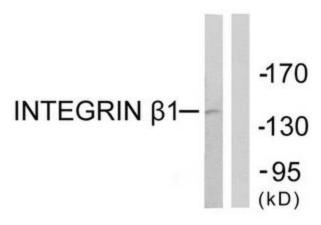




#### **Protein Pathways:**

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

### **Product images:**



Western blot analysis of extracts from Jurkat cells, using Integrin  $\beta 1$  (Ab-789) antibody. The lane on the right is treated with the synthesized peptide.