

# Resource Summary Report

Generated by [RRID](#) on Sep 11, 2026

## CD29 (Integrin b 1 chain)

RRID:AB\_2128060

Type: Antibody

### Proper Citation

BD Biosciences Cat# 610467, RRID:AB\_2128060

### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2128060](http://antibodyregistry.org/AB_2128060)

**Proper Citation:** BD Biosciences Cat# 610467, RRID:AB\_2128060

**Target Antigen:** ITGB1

**Host Organism:** mouse

**Clonality:** monoclonal

**Comments:** Immunohistochemistry-zinc-fixed, Western blot

**Antibody Name:** CD29 (Integrin b 1 chain)

**Description:** This monoclonal targets ITGB1

**Target Organism:** chicken, rat, mouse, dog, human

**Clone ID:** 18

**Antibody ID:** AB\_2128060

**Vendor:** BD Biosciences

**Catalog Number:** 610467

**Record Creation Time:** 20231110T050329+0000

**Record Last Update:** 20260831T232523+0000

### Ratings and Alerts

No rating or validation information has been found for CD29 (Integrin b 1 chain).

No alerts have been found for CD29 (Integrin b 1 chain).

## Data and Source Information

**Source:** [Antibody Registry](#)

## Usage and Citation Metrics

We found 13 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [RRID](#) .

Cerutti C, et al. (2024) IQGAP1 and NWASP promote human cancer cell dissemination and metastasis by regulating  $\alpha$ 1-integrin via FAK and MRTF/SRF. *Cell reports*, 43(4), 113989.

Hirata T, et al. (2023) N-acetylglucosaminyltransferase-V (GnT-V)-enriched small extracellular vesicles mediate N-glycan remodeling in recipient cells. *iScience*, 26(1), 105747.

Honda A, et al. (2023) Very-long-chain fatty acids are crucial to neuronal polarity by providing sphingolipids to lipid rafts. *Cell reports*, 42(10), 113195.

Niec RE, et al. (2022) Lymphatics act as a signaling hub to regulate intestinal stem cell activity. *Cell stem cell*, 29(7), 1067.

Hegazy M, et al. (2022) Epidermal stratification requires retromer-mediated desmoglein-1 recycling. *Developmental cell*, 57(24), 2683.

Posor Y, et al. (2022) Local synthesis of the phosphatidylinositol-3,4-bisphosphate lipid drives focal adhesion turnover. *Developmental cell*, 57(14), 1694.

Zhang Y, et al. (2021) The Amot/integrin protein complex transmits mechanical forces required for vascular expansion. *Cell reports*, 36(8), 109616.

Kumaravel S, et al. (2020) The  $\alpha$ 1-integrin plays a key role in LEC invasion in an optimized 3-D collagen matrix model. *American journal of physiology. Cell physiology*, 319(6), C1045.

Potla R, et al. (2020) Molecular mapping of transmembrane mechanotransduction through the  $\alpha$ 1 integrin-CD98hc-TRPV4 axis. *Journal of cell science*, 133(20).

Zhang Q, et al. (2019) Transfer of Functional Cargo in Exomeres. *Cell reports*, 27(3), 940.

Jeppesen DK, et al. (2019) Reassessment of Exosome Composition. *Cell*, 177(2), 428.

Ng PK, et al. (2018) Systematic Functional Annotation of Somatic Mutations in Cancer. *Cancer cell*, 33(3), 450.

Gogler-Pigowska A, et al. (2018) Novel role for the testis-enriched HSPA2 protein in regulating epidermal keratinocyte differentiation. *Journal of cellular physiology*, 233(3), 2629.