

# Resource Summary Report

Generated by [dkNET](#) on Sep 7, 2026

## Rat Anti-CD49e Monoclonal Antibody, Phycoerythrin Conjugated, Clone 5H10-27

RRID:AB\_396710

Type: Antibody

### Proper Citation

BD Biosciences Cat# 557447, RRID:AB\_396710

### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_396710](http://antibodyregistry.org/AB_396710)

**Proper Citation:** BD Biosciences Cat# 557447, RRID:AB\_396710

**Target Antigen:** CD49e (Integrin  $\alpha 5$  chain)

**Host Organism:** rat

**Clonality:** monoclonal

**Comments:** Applications: Flow cytometry

**Antibody Name:** Rat Anti-CD49e Monoclonal Antibody, Phycoerythrin Conjugated, Clone 5H10-27

**Description:** This monoclonal targets CD49e (Integrin  $\alpha 5$  chain)

**Target Organism:** mouse

**Clone ID:** 5H10-27

**Antibody ID:** AB\_396710

**Vendor:** BD Biosciences

**Catalog Number:** 557447

**Record Creation Time:** 20231110T044620+0000

**Record Last Update:** 20260829T033400+0000

### Ratings and Alerts

No rating or validation information has been found for Rat Anti-CD49e Monoclonal Antibody, Phycoerythrin Conjugated, Clone 5H10-27.

No alerts have been found for Rat Anti-CD49e Monoclonal Antibody, Phycoerythrin Conjugated, Clone 5H10-27.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Lloyd EG, et al. (2025) SMAD4 and KRAS Status Shapes Cancer Cell-Stromal Cross-Talk and Therapeutic Response in Pancreatic Cancer. Cancer research, 85(8), 1368.

Paterson N, et al. (2022) Macrophage network dynamics depend on haptokinesis for optimal local surveillance. eLife, 11.