

Resource Summary Report

Generated by [RRID](#) on Aug 12, 2026

Mouse Leptin R Biotinylated Antibody

RRID:AB_2296953

Type: Antibody

Proper Citation

R and D Systems Cat# BAF497, RRID:AB_2296953

Antibody Information

URL: http://antibodyregistry.org/AB_2296953

Proper Citation: R and D Systems Cat# BAF497, RRID:AB_2296953

Target Antigen: Leptin R

Host Organism: Goat

Clonality: polyclonal

Comments: Applications: Western Blot, Flow Cytometry, ELISA Detection (Matched Antibody Pair)

Antibody Name: Mouse Leptin R Biotinylated Antibody

Description: This polyclonal targets Leptin R

Target Organism: Mouse

Antibody ID: AB_2296953

Vendor: R and D Systems

Catalog Number: BAF497

Record Creation Time: 20250820T022415+0000

Record Last Update: 20250820T132956+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Leptin R Biotinylated Antibody.

No alerts have been found for Mouse Leptin R Biotinylated Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 18 mentions in open access literature.

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

Gochi K, et al. (2026) A novel stromal cell source of RANKL during sustained osteoclast activation in disuse osteoporosis. *The Journal of physiology*.

Lu G, et al. (2026) In vivo detection of immune responses via cytokine activity labeling. *Cell*.

Tang XT, et al. (2026) Mapping the Tissue-of-Origins of Mesenchymal Stromal Cells in Injury Repair. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 13(3), e09533.

Lubosch A, et al. (2025) The immune response against cancer is modulated by stromal cell fibronectin. *Neoplasia (New York, N.Y.)*, 67, 101196.

Vercellino J, et al. (2024) Thrombopoietin mimetic stimulates bone marrow vascular and stromal niches to mitigate acute radiation syndrome. *Stem cell research & therapy*, 15(1), 123.

Liu YL, et al. (2024) Fibrous periosteum repairs bone fracture and maintains the healed bone throughout mouse adulthood. *Developmental cell*, 59(9), 1192.

Kara N, et al. (2023) Endothelial and Leptin Receptor+ cells promote the maintenance of stem cells and hematopoiesis in early postnatal murine bone marrow. *Developmental cell*, 58(5), 348.

Emoto T, et al. (2022) Colony stimulating factor-1 producing endothelial cells and mesenchymal stromal cells maintain monocytes within a perivascular bone marrow niche. *Immunity*, 55(5), 862.

Jeffery EC, et al. (2022) Bone marrow and periosteal skeletal stem/progenitor cells make distinct contributions to bone maintenance and repair. *Cell stem cell*, 29(11), 1547.

Shu HS, et al. (2021) Tracing the skeletal progenitor transition during postnatal bone formation. *Cell stem cell*, 28(12), 2122.

Ambrosi TH, et al. (2021) Distinct skeletal stem cell types orchestrate long bone skeletogenesis. *eLife*, 10.

van Gastel N, et al. (2020) Induction of a Timed Metabolic Collapse to Overcome Cancer Chemoresistance. *Cell metabolism*, 32(3), 391.

Rivadeneira DB, et al. (2019) Oncolytic Viruses Engineered to Enforce Leptin Expression Reprogram Tumor-Infiltrating T Cell Metabolism and Promote Tumor Clearance. *Immunity*, 51(3), 548.

Chen Q, et al. (2019) Apelin+ Endothelial Niche Cells Control Hematopoiesis and Mediate Vascular Regeneration after Myeloablative Injury. *Cell stem cell*, 25(6), 768.

Comazzetto S, et al. (2019) Restricted Hematopoietic Progenitors and Erythropoiesis Require SCF from Leptin Receptor+ Niche Cells in the Bone Marrow. *Cell stem cell*, 24(3), 477.

Balzano M, et al. (2019) Nidogen-1 Contributes to the Interaction Network Involved in Pro-B Cell Retention in the Peri-sinusoidal Hematopoietic Stem Cell Niche. *Cell reports*, 26(12), 3257.

Severe N, et al. (2019) Stress-Induced Changes in Bone Marrow Stromal Cell Populations Revealed through Single-Cell Protein Expression Mapping. *Cell stem cell*, 25(4), 570.

Breitbach M, et al. (2018) In Vivo Labeling by CD73 Marks Multipotent Stromal Cells and Highlights Endothelial Heterogeneity in the Bone Marrow Niche. *Cell stem cell*, 22(2), 262.