

Resource Summary Report

Generated by ASWG on Aug 10, 2026

CD34 Monoclonal Antibody (RAM34), Alexa Fluor™ 700, eBioscience

RRID:AB_493998

Type: Antibody

Proper Citation

(Thermo Fisher Scientific Cat# 56-0341-82, RRID:AB_493998)

Antibody Information

URL: http://antibodyregistry.org/AB_493998

Proper Citation: (Thermo Fisher Scientific Cat# 56-0341-82, RRID:AB_493998)

Target Antigen: CD34

Host Organism: rat

Clonality: monoclonal

Comments: Applications: Flow
Consolidation on 1/2020: AB_493998, AB_10121281

Antibody Name: CD34 Monoclonal Antibody (RAM34), Alexa Fluor™ 700, eBioscience

Description: This monoclonal targets CD34

Target Organism: mouse

Clone ID: Clone RAM34

Antibody ID: AB_493998

Vendor: Thermo Fisher Scientific

Catalog Number: 56-0341-82

Record Creation Time: 20251213T073931+0000

Record Last Update: 20260225T231128+0000

Ratings and Alerts

No rating or validation information has been found for CD34 Monoclonal Antibody (RAM34), Alexa Fluor™ 700, eBioscience.

No alerts have been found for CD34 Monoclonal Antibody (RAM34), Alexa Fluor™ 700, eBioscience.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 23 mentions in open access literature.

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

Han X, et al. (2026) A ketogenesis-ferroptosis axis maintains leukemic stem cell survival and leukemia progression. *Cell stem cell*, 33(6), 1016.

Kamimae-Lanning AN, et al. (2026) Metabolite-induced DNA damage drives stochastic stem cell loss and clonal hematopoiesis. *Cell stem cell*, 33(4), 642.

Zhang B, et al. (2026) Multiome-based identification of molecular markers for prospective identification of platelet-biased HSCs. *Stem cell reports*, 21(7), 102959.

Sharma G, et al. (2025) IGF2BP3 redirects glycolytic flux to promote one-carbon metabolism and RNA methylation. *Cell reports*, 116330.

Pan S, et al. (2025) Decoding the ontogeny of myeloid lineage diversity by cross-species and developmental analyses of hematopoietic progenitor atlases. *Cell reports*, 44(3), 115406.

Liu S, et al. (2024) Dynamic tracking of native precursors in adult mice. *eLife*, 13.

Thompson Z, et al. (2024) Ing4-deficiency promotes a quiescent yet transcriptionally poised state in hematopoietic stem cells. *iScience*, 27(8), 110521.

Chua BA, et al. (2023) Hematopoietic stem cells preferentially traffic misfolded proteins to aggresomes and depend on autophagy to maintain protein homeostasis. *Cell stem cell*, 30(4), 460.

Linde IL, et al. (2023) Neutrophil-activating therapy for the treatment of cancer. *Cancer cell*, 41(2), 356.

Sandovici I, et al. (2022) The imprinted Igf2-Igf2r axis is critical for matching placental microvasculature expansion to fetal growth. *Developmental cell*, 57(1), 63.

Tang JJ, et al. (2022) Androgens drive sexual dimorphism in liver metastasis by promoting hepatic accumulation of neutrophils. *Cell reports*, 39(12), 110987.

Rommel MGE, et al. (2022) Influenza A virus infection instructs hematopoiesis to megakaryocyte-lineage output. *Cell reports*, 41(1), 111447.

Larsen SB, et al. (2021) Establishment, maintenance, and recall of inflammatory memory. *Cell stem cell*, 28(10), 1758.

Kruta M, et al. (2021) Hsf1 promotes hematopoietic stem cell fitness and proteostasis in response to ex vivo culture stress and aging. *Cell stem cell*, 28(11), 1950.

Runyan CE, et al. (2020) Impaired phagocytic function in CX3CR1⁺ tissue-resident skeletal muscle macrophages prevents muscle recovery after influenza A virus-induced pneumonia in old mice. *Aging cell*, 19(9), e13180.

Sommerkamp P, et al. (2020) Differential Alternative Polyadenylation Landscapes Mediate Hematopoietic Stem Cell Activation and Regulate Glutamine Metabolism. *Cell stem cell*, 26(5), 722.

Siamishi I, et al. (2020) Lymphocyte-Specific Function of the DNA Polymerase Epsilon Subunit Pole3 Revealed by Neomorphic Alleles. *Cell reports*, 31(11), 107756.

Wang ECE, et al. (2019) A Subset of TREM2⁺ Dermal Macrophages Secrete Oncostatin M to Maintain Hair Follicle Stem Cell Quiescence and Inhibit Hair Growth. *Cell stem cell*, 24(4), 654.

Fukushima T, et al. (2019) Discrimination of Dormant and Active Hematopoietic Stem Cells by G0 Marker Reveals Dormancy Regulation by Cytoplasmic Calcium. *Cell reports*, 29(12), 4144.

Srivastava S, et al. (2019) Logic-Gated ROR1 Chimeric Antigen Receptor Expression Rescues T Cell-Mediated Toxicity to Normal Tissues and Enables Selective Tumor Targeting. *Cancer cell*, 35(3), 489.