

# Resource Summary Report

Generated by [RRID](#) on Jul 29, 2026

## CD34 Monoclonal Antibody (RAM34), eFluor™ 660, eBioscience

RRID:AB\_10596826

Type: Antibody

### Proper Citation

(Thermo Fisher Scientific Cat# 50-0341-82, RRID:AB\_10596826)

### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_10596826](http://antibodyregistry.org/AB_10596826)

**Proper Citation:** (Thermo Fisher Scientific Cat# 50-0341-82, RRID:AB\_10596826)

**Target Antigen:** CD34

**Host Organism:** rat

**Clonality:** monoclonal

**Comments:** Applications: Flow

**Antibody Name:** CD34 Monoclonal Antibody (RAM34), eFluor™ 660, eBioscience

**Description:** This monoclonal targets CD34

**Target Organism:** mouse

**Clone ID:** Clone RAM34

**Defining Citation:** [PMID:18334483](#), [PMID:18258722](#), [PMID:17406558](#), [PMID:17394597](#), [PMID:17485490](#)

**Antibody ID:** AB\_10596826

**Vendor:** Thermo Fisher Scientific

**Catalog Number:** 50-0341-82

**Alternative Catalog Numbers:** 50-0341

**Record Creation Time:** 20251213T073237+0000

**Record Last Update:** 20260225T230402+0000

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## Ratings and Alerts

No rating or validation information has been found for CD34 Monoclonal Antibody (RAM34), eFluor™ 660, eBioscience.

No alerts have been found for CD34 Monoclonal Antibody (RAM34), eFluor™ 660, eBioscience.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 42 mentions in open access literature.

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

Scott-Solomon E, et al. (2026) Stress-induced sympathetic hyperactivation drives hair follicle necrosis to trigger autoimmunity. *Cell*, 189(1), 252.

Larsen RK, et al. (2025) Non-cell-autonomous tumor promotion in DICER1 cancer predisposition. *Developmental cell*.

Zanotti F, et al. (2025) Protocol for the isolation and characterization of murine hematopoietic stem and progenitor cell-derived extracellular vesicles. *STAR protocols*, 6(2), 103778.

Tai KY, et al. (2025) Adipocyte lipolysis activates epithelial stem cells for hair regeneration through fatty acid metabolic signaling. *Cell metabolism*, 37(11), 2202.

Chen H, et al. (2025) Intermittent fasting triggers interorgan communication to suppress hair follicle regeneration. *Cell*, 188(1), 157.

Wang YX, et al. (2025) Multiomic profiling reveals that prostaglandin E2 reverses aged muscle stem cell dysfunction, leading to increased regeneration and strength. *Cell stem cell*, 32(7), 1154.

Bonora M, et al. (2024) A mitochondrial NADPH-cholesterol axis regulates extracellular vesicle biogenesis to support hematopoietic stem cell fate. *Cell stem cell*, 31(3), 359.

Alexander KA, et al. (2024) A glucocorticoid spike derails muscle repair to heterotopic ossification after spinal cord injury. *Cell reports. Medicine*, 5(12), 101849.

Du C, et al. (2024) Mitochondrial serine catabolism safeguards maintenance of the hematopoietic stem cell pool in homeostasis and injury. *Cell stem cell*, 31(10), 1484.

Brioschi S, et al. (2023) A Cre-deleter specific for embryo-derived brain macrophages reveals distinct features of microglia and border macrophages. *Immunity*, 56(5), 1027.

Liu S, et al. (2023) A tissue injury sensing and repair pathway distinct from host pathogen defense. *Cell*, 186(10), 2127.

Ugur M, et al. (2023) Lymph node medulla regulates the spatiotemporal unfolding of resident dendritic cell networks. *Immunity*, 56(8), 1778.

Fanti AK, et al. (2023) Flt3- and Tie2-Cre tracing identifies regeneration in sepsis from multipotent progenitors but not hematopoietic stem cells. *Cell stem cell*, 30(2), 207.

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

Eagle K, et al. (2022) An oncogenic enhancer encodes selective selenium dependency in AML. *Cell stem cell*, 29(3), 386.

Du C, et al. (2022) Renal Klotho and inorganic phosphate are extrinsic factors that antagonistically regulate hematopoietic stem cell maintenance. *Cell reports*, 38(7), 110392.

Xie Y, et al. (2022) Hair shaft miniaturization causes stem cell depletion through mechanosensory signals mediated by a Piezo1-calcium-TNF- $\alpha$  axis. *Cell stem cell*, 29(1), 70.

Porpiglia E, et al. (2022) Elevated CD47 is a hallmark of dysfunctional aged muscle stem cells that can be targeted to augment regeneration. *Cell stem cell*, 29(12), 1653.

Yu W, et al. (2022) Isolation of murine bone marrow hematopoietic stem and progenitor cell populations via flow cytometry. *Methods in cell biology*, 171, 173.

Lv K, et al. (2021) HectD1 controls hematopoietic stem cell regeneration by coordinating ribosome assembly and protein synthesis. *Cell stem cell*, 28(7), 1275.