

Resource Summary Report

Generated by [RRID](#) on Sep 8, 2026

CD8a Monoclonal Antibody (53-6.7), Alexa Fluor™ 700, eBioscience

RRID:AB_494005

Type: Antibody

Proper Citation

Thermo Fisher Scientific Cat# 56-0081-82, RRID:AB_494005

Antibody Information

URL: http://antibodyregistry.org/AB_494005

Proper Citation: Thermo Fisher Scientific Cat# 56-0081-82, RRID:AB_494005

Target Antigen: CD8a

Host Organism: rat

Clonality: monoclonal

Comments: Applications: Flow
Consolidation on 1/2020: AB_494005, AB_10121282

Antibody Name: CD8a Monoclonal Antibody (53-6.7), Alexa Fluor™ 700, eBioscience

Description: This monoclonal targets CD8a

Target Organism: mouse

Clone ID: Clone 53-6.7

Antibody ID: AB_494005

Vendor: Thermo Fisher Scientific

Catalog Number: 56-0081-82

Record Creation Time: 20251213T073608+0000

Record Last Update: 20260903T215223+0000

Ratings and Alerts

No rating or validation information has been found for CD8a Monoclonal Antibody (53-6.7), Alexa Fluor™ 700, eBioscience.

No alerts have been found for CD8a Monoclonal Antibody (53-6.7), Alexa Fluor™ 700, eBioscience.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 21 mentions in open access literature.

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

Xie X, et al. (2026) Eos plays a critical role in Treg homeostasis and modulates the function of recirculating thymic Tregs in the control of Treg development. *Cell reports*, 45(1), 116838.

Takeda S, et al. (2026) A MERTK-Targeting Antibody-Drug Conjugate Selectively Depletes M2 Tumor-Associated Macrophages and MERTK-Expressing Cancer Cells. *Cancer research*, 86(8), 2024.

Yan Y, et al. (2026) Local antibody feedback enforces a checkpoint on affinity maturation in the germinal center and promotes epitope spreading. *Immunity*, 59(3), 746.

Laabei J, et al. (2025) The NOX2-ROS-NLRP3 inflammasome axis in traumatic brain injury. *Journal of neuroinflammation*, 22(1), 242.

Bachem A, et al. (2025) Microbiota-derived butyrate promotes a FOXO1-induced stemness program and preserves CD8+ T cell immunity against melanoma. *Immunity*, 58(11), 2799.

Yu H, et al. (2025) UDP-GlcUA triggers PKR kinase activity to promote liquid-liquid phase separation of TOP2A and enhances radioimmunotherapy resistance. *Molecular cell*, 85(21), 3913.

Hou Y, et al. (2025) Optimizing stem cell infusion timing in the prevention of acute graft-versus-host disease. *Cell*, 188(11), 3030.

O'Neill E, et al. (2025) Neonatal infection with *Bordetella pertussis* promotes autism-like phenotypes in mice. *iScience*, 28(1), 111548.

Recinto SJ, et al. (2025) PINK1 deficiency rewires early immune responses in a mouse model of Parkinson's disease triggered by intestinal infection. *NPJ Parkinson's disease*, 11(1), 133.

Shouse AN, et al. (2024) Interleukin-2 receptor signaling acts as a checkpoint that influences the distribution of regulatory T cell subsets. *iScience*, 27(12), 111248.

- Middelburg J, et al. (2023) The MHC-E peptide ligands for checkpoint CD94/NKG2A are governed by inflammatory signals, whereas LILRB1/2 receptors are peptide indifferent. *Cell reports*, 42(12), 113516.
- Ennerfelt H, et al. (2022) SYK coordinates neuroprotective microglial responses in neurodegenerative disease. *Cell*, 185(22), 4135.
- Hernández-Malmierca P, et al. (2022) Antigen presentation safeguards the integrity of the hematopoietic stem cell pool. *Cell stem cell*, 29(5), 760.
- Montalban-Arques A, et al. (2021) Commensal Clostridiales strains mediate effective anti-cancer immune response against solid tumors. *Cell host & microbe*, 29(10), 1573.
- Shmuel-Galia L, et al. (2021) Dysbiosis exacerbates colitis by promoting ubiquitination and accumulation of the innate immune adaptor STING in myeloid cells. *Immunity*, 54(6), 1137.
- Pham THM, et al. (2020) Salmonella-Driven Polarization of Granuloma Macrophages Antagonizes TNF-Mediated Pathogen Restriction during Persistent Infection. *Cell host & microbe*, 27(1), 54.
- Perrot I, et al. (2019) Blocking Antibodies Targeting the CD39/CD73 Immunosuppressive Pathway Unleash Immune Responses in Combination Cancer Therapies. *Cell reports*, 27(8), 2411.
- Dmitrieva-Posocco O, et al. (2019) Cell-Type-Specific Responses to Interleukin-1 Control Microbial Invasion and Tumor-Elicited Inflammation in Colorectal Cancer. *Immunity*, 50(1), 166.
- Vermillion MS, et al. (2018) Estriol Reduces Pulmonary Immune Cell Recruitment and Inflammation to Protect Female Mice From Severe Influenza. *Endocrinology*, 159(9), 3306.
- van Montfoort N, et al. (2018) NKG2A Blockade Potentiates CD8 T Cell Immunity Induced by Cancer Vaccines. *Cell*, 175(7), 1744.