

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on Apr 6, 2025

APC anti-mouse I-A/I-E

RRID:AB_313329

Type: Antibody

Proper Citation

(BioLegend Cat# 107614, RRID:AB_313329)

Antibody Information

URL: http://antibodyregistry.org/AB_313329

Proper Citation: (BioLegend Cat# 107614, RRID:AB_313329)

Target Antigen: I-A/I-E

Host Organism: rat

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: APC anti-mouse I-A/I-E

Description: This monoclonal targets I-A/I-E

Target Organism: mouse

Clone ID: Clone M5/114.15.2

Antibody ID: AB_313329

Vendor: BioLegend

Catalog Number: 107614

Alternative Catalog Numbers: 107613

Record Creation Time: 20231110T045003+0000

Record Last Update: 20241115T095249+0000

Ratings and Alerts

No rating or validation information has been found for APC anti-mouse I-A/I-E.

No alerts have been found for APC anti-mouse I-A/I-E.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 32 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Wang H, et al. (2024) Clonal hematopoiesis driven by mutated DNMT3A promotes inflammatory bone loss. *Cell*, 187(14), 3690.

Yu SH, et al. (2024) Ex vivo photothermal treatment-induced immunogenic cell death for anticancer vaccine development. *International immunopharmacology*, 127, 111450.

Shang L, et al. (2024) Mitochondrial DNA-boosted dendritic cell-based nanovaccination triggers antitumor immunity in lung and pancreatic cancers. *Cell reports. Medicine*, 5(7), 101648.

Collins A, et al. (2024) Maternal inflammation regulates fetal emergency myelopoiesis. *Cell*, 187(6), 1402.

Pan Y, et al. (2024) Glycoengineering-based anti-PD-1-iRGD peptide conjugate boosts antitumor efficacy through T cell engagement. *Cell reports. Medicine*, 5(6), 101590.

Fukushima H, et al. (2024) Phototruncation cell tracking with near-infrared photoimmunotherapy using heptamethine cyanine dye to visualise migratory dynamics of immune cells. *EBioMedicine*, 102, 105050.

Knuth CM, et al. (2024) Subcutaneous white adipose tissue independently regulates burn-induced hypermetabolism via immune-adipose crosstalk. *Cell reports*, 43(1), 113584.

Li Q, et al. (2024) Biomineralization-inspired synthesis of autologous cancer vaccines for personalized metallo-immunotherapy. *iScience*, 27(7), 110189.

Hayes BH, et al. (2024) Chromosomal instability induced in cancer can enhance macrophage-initiated immune responses that include anti-tumor IgG. *eLife*, 12.

Kilian M, et al. (2023) MHC class II-restricted antigen presentation is required to prevent dysfunction of cytotoxic T cells by blood-borne myeloids in brain tumors. *Cancer cell*, 41(2),

235.

Hahn AM, et al. (2023) A monoclonal Trd chain supports the development of the complete set of functional ?? T cell lineages. *Cell reports*, 42(3), 112253.

Sapoznikov A, et al. (2023) Dendritic cell ICAM-1 strengthens synapses with CD8 T cells but is not required for their early differentiation. *Cell reports*, 42(8), 112864.

Frascoli M, et al. (2023) Skin ?? T cell inflammatory responses are hardwired in the thymus by oxysterol sensing via GPR183 and calibrated by dietary cholesterol. *Immunity*, 56(3), 562.

De Vlaminck K, et al. (2022) Differential plasticity and fate of brain-resident and recruited macrophages during the onset and resolution of neuroinflammation. *Immunity*, 55(11), 2085.

Lee JH, et al. (2022) Characterization of adipose depot-specific stromal cell populations by single-cell mass cytometry. *iScience*, 25(4), 104166.

Fu A, et al. (2022) Tumor-resident intracellular microbiota promotes metastatic colonization in breast cancer. *Cell*, 185(8), 1356.

Milner MT, et al. (2022) Isolation and culture of pure adult mouse microglia and astrocytes for in vitro characterization and analyses. *STAR protocols*, 3(2), 101295.

Martin-Martin I, et al. (2022) *Aedes aegypti* sialokinin facilitates mosquito blood feeding and modulates host immunity and vascular biology. *Cell reports*, 39(2), 110648.

Goc J, et al. (2021) Dysregulation of ILC3s unleashes progression and immunotherapy resistance in colon cancer. *Cell*, 184(19), 5015.

Wedekind MF, et al. (2021) Endogenous retrovirus envelope as a tumor-associated immunotherapeutic target in murine osteosarcoma. *iScience*, 24(7), 102759.