

Resource Summary Report

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APC/Cyanine7 anti-mouse I-A/I-E

RRID:AB_1659252

Type: Antibody

Proper Citation

(BioLegend Cat# 107627 (also 107628), RRID:AB_1659252)

Antibody Information

URL: http://antibodyregistry.org/AB_1659252

Proper Citation: (BioLegend Cat# 107627 (also 107628), RRID:AB_1659252)

Target Antigen: I-A/I-E

Host Organism: rat

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: APC/Cyanine7 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_1659252

Vendor: BioLegend

Catalog Number: 107627 (also 107628)

Alternative Catalog Numbers: 107628

Ratings and Alerts

No rating or validation information has been found for APC/Cyanine7 anti-mouse I-A/I-E.

No alerts have been found for APC/Cyanine7 anti-mouse I-A/I-E.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 20 mentions in open access literature.

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

Shapir Itai Y, et al. (2024) Bispecific dendritic-T cell engager potentiates anti-tumor immunity. *Cell*, 187(2), 375.

Li Y, et al. (2024) Multimodal immune phenotyping reveals microbial-T cell interactions that shape pancreatic cancer. *Cell reports. Medicine*, 5(2), 101397.

Mucciolo G, et al. (2024) EGFR-activated myofibroblasts promote metastasis of pancreatic cancer. *Cancer cell*, 42(1), 101.

Domenjo-Vila E, et al. (2023) XCR1+ DCs are critical for T cell-mediated immunotherapy of chronic viral infections. *Cell reports*, 42(2), 112123.

Liu Y, et al. (2023) Protocol for examining the capability of senescent tumor cells to stimulate murine bone-marrow-derived dendritic cells by flow cytometry. *STAR protocols*, 4(4), 102677.

Wilson NG, et al. (2023) The gut microbiota of people with asthma influences lung inflammation in gnotobiotic mice. *iScience*, 26(2), 105991.

Anderton H, et al. (2022) Langerhans cells are an essential cellular intermediary in chronic dermatitis. *Cell reports*, 39(10), 110922.

Gong Z, et al. (2022) Lung fibroblasts facilitate pre-metastatic niche formation by remodeling the local immune microenvironment. *Immunity*, 55(8), 1483.

Krollmann C, et al. (2022) Quantification of unperturbed phosphoprotein levels in immune cell subsets with phosphoflow to assess immune signaling in autoimmune disease. *STAR protocols*, 3(2), 101309.

Saveljeva S, et al. (2022) A purine metabolic checkpoint that prevents autoimmunity and autoinflammation. *Cell metabolism*, 34(1), 106.

Terui H, et al. (2022) *Staphylococcus aureus* skin colonization promotes SLE-like

autoimmune inflammation via neutrophil activation and the IL-23/IL-17 axis. *Science immunology*, 7(76), eabm9811.

Jiang Y, et al. (2022) Gasdermin D restricts anti-tumor immunity during PD-L1 checkpoint blockade. *Cell reports*, 41(4), 111553.

Pleuger C, et al. (2022) The regional distribution of resident immune cells shapes distinct immunological environments along the murine epididymis. *eLife*, 11.

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

Xu C, et al. (2021) The glutathione peroxidase Gpx4 prevents lipid peroxidation and ferroptosis to sustain Treg cell activation and suppression of antitumor immunity. *Cell reports*, 35(11), 109235.

Siolas D, et al. (2021) Gain-of-function p53R172H mutation drives accumulation of neutrophils in pancreatic tumors, promoting resistance to immunotherapy. *Cell reports*, 36(8), 109578.

Jaeger N, et al. (2020) Airway Microbiota-Host Interactions Regulate Secretory Leukocyte Protease Inhibitor Levels and Influence Allergic Airway Inflammation. *Cell reports*, 33(5), 108331.

Jeffries MA, et al. (2020) Cnp Promoter-Driven Sustained ERK1/2 Activation Increases B-Cell Activation and Suppresses Experimental Autoimmune Encephalomyelitis. *ASN neuro*, 12, 1759091420971916.

Guldner IH, et al. (2020) CNS-Native Myeloid Cells Drive Immune Suppression in the Brain Metastatic Niche through Cxcl10. *Cell*, 183(5), 1234.

Moreno M, et al. (2014) Conditional ablation of astroglial CCL2 suppresses CNS accumulation of M1 macrophages and preserves axons in mice with MOG peptide EAE. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 34(24), 8175.