

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on May 21, 2025

## Alexa Fluor® 647 anti-mouse IFN-?

RRID:AB\_493314

Type: Antibody

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### Proper Citation

(BioLegend Cat# 505814, RRID:AB\_493314)

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_493314](http://antibodyregistry.org/AB_493314)

**Proper Citation:** (BioLegend Cat# 505814, RRID:AB\_493314)

**Target Antigen:** IFN-gamma

**Host Organism:** rat

**Clonality:** monoclonal

**Comments:** Applications: ICFC

**Antibody Name:** Alexa Fluor® 647 anti-mouse IFN-?

**Description:** This monoclonal targets IFN-gamma

**Target Organism:** mouse

**Clone ID:** Clone XMG1.2

**Antibody ID:** AB\_493314

**Vendor:** BioLegend

**Catalog Number:** 505814

**Alternative Catalog Numbers:** 505816

**Record Creation Time:** 20241016T225650+0000

**Record Last Update:** 20241016T234529+0000

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## Ratings and Alerts

No rating or validation information has been found for Alexa Fluor® 647 anti-mouse IFN-?.

No alerts have been found for Alexa Fluor® 647 anti-mouse IFN-?.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Liao X, et al. (2024) Adipose stem cells control obesity-induced T cell infiltration into adipose tissue. Cell reports, 43(3), 113963.

Slamanig S, et al. (2024) Intranasal SARS-CoV-2 Omicron variant vaccines elicit humoral and cellular mucosal immunity in female mice. EBioMedicine, 105, 105185.

Case JB, et al. (2024) A trivalent mucosal vaccine encoding phylogenetically inferred ancestral RBD sequences confers pan-Sarbecovirus protection in mice. Cell host & microbe, 32(12), 2131.

González-Domínguez I, et al. (2024) Preclinical evaluation of a universal inactivated influenza B vaccine based on the mosaic hemagglutinin-approach. NPJ vaccines, 9(1), 222.

Papaioannou S, et al. (2023) Liver sinusoidal endothelial cells orchestrate NK cell recruitment and activation in acute inflammatory liver injury. Cell reports, 42(8), 112836.

Olivera I, et al. (2023) mRNAs encoding IL-12 and a decoy-resistant variant of IL-18 synergize to engineer T cells for efficacious intratumoral adoptive immunotherapy. Cell reports. Medicine, 4(3), 100978.

Ying B, et al. (2022) Protective activity of mRNA vaccines against ancestral and variant SARS-CoV-2 strains. Science translational medicine, 14(630), eabm3302.

Chakraborty P, et al. (2022) Carbon Monoxide Activates PERK-Regulated Autophagy to Induce Immunometabolic Reprogramming and Boost Antitumor T-cell Function. Cancer research, 82(10), 1969.

Vaena S, et al. (2021) Aging-dependent mitochondrial dysfunction mediated by ceramide signaling inhibits antitumor T cell response. Cell reports, 35(5), 109076.

Sencio V, et al. (2020) Gut Dysbiosis during Influenza Contributes to Pulmonary

Pneumococcal Superinfection through Altered Short-Chain Fatty Acid Production. Cell reports, 30(9), 2934.

Liu C, et al. (2019) Treg Cells Promote the SREBP1-Dependent Metabolic Fitness of Tumor-Promoting Macrophages via Repression of CD8+ T Cell-Derived Interferon- $\gamma$ . Immunity, 51(2), 381.

Suhail A, et al. (2019) DeSUMOylase SENP7-Mediated Epithelial Signaling Triggers Intestinal Inflammation via Expansion of Gamma-Delta T Cells. Cell reports, 29(11), 3522.

Chakraborty P, et al. (2019) Pro-Survival Lipid Sphingosine-1-Phosphate Metabolically Programs T Cells to Limit Anti-tumor Activity. Cell reports, 28(7), 1879.

Sivick KE, et al. (2018) Magnitude of Therapeutic STING Activation Determines CD8+ T Cell-Mediated Anti-tumor Immunity. Cell reports, 25(11), 3074.

Chatterjee S, et al. (2018) CD38-NAD<sup>+</sup>Axis Regulates Immunotherapeutic Anti-Tumor T Cell Response. Cell metabolism, 27(1), 85.