

Resource Summary Report

Generated by [RRID](#) on Sep 2, 2026

IRF3 antibody [EPR2418Y]

RRID:AB_11155653

Type: Antibody

Proper Citation

Abcam Cat# ab68481, RRID:AB_11155653

Antibody Information

URL: http://antibodyregistry.org/AB_11155653

Proper Citation: Abcam Cat# ab68481, RRID:AB_11155653

Target Antigen: IRF3 antibody [EPR2418Y]

Host Organism: rabbit

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012: Immunohistochemistry; Immunohistochemistry - fixed; Western Blot; Flow Cytometry; Flow Cyt, IHC-P, WB

Antibody Name: IRF3 antibody [EPR2418Y]

Description: This monoclonal targets IRF3 antibody [EPR2418Y]

Target Organism: mouse, human

Antibody ID: AB_11155653

Vendor: Abcam

Catalog Number: ab68481

Record Creation Time: 20231110T060423+0000

Record Last Update: 20260829T002247+0000

Ratings and Alerts

No rating or validation information has been found for IRF3 antibody [EPR2418Y].

No alerts have been found for IRF3 antibody [EPR2418Y].

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 24 mentions in open access literature.

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

Liu J, et al. (2026) STING signaling in vestibular macrophages underlies Ménière's disease pathogenesis. *Journal of neuroinflammation*, 23(1).

Wang Y, et al. (2026) Flavin adenine dinucleotide is an endogenous suppressor for cytosolic DNA and RNA sensors to modulate innate immunity. *Immunity*.

Carnevale LN, et al. (2026) Redox regulation of neuroinflammatory pathways contributes to damage in Alzheimer's disease brain. *Cell chemical biology*.

Zhang S, et al. (2025) p57 increases immunotherapy efficacy by promoting cGAS-STING-mediated innate sensing in hepatocellular carcinoma. *Cell reports*, 45(1), 116769.

Barthez M, et al. (2025) SIRT2 suppresses aging-associated cGAS activation and protects aged mice from severe COVID-19. *Cell reports*, 44(4), 115562.

Fu Y, et al. (2025) The low-dose CHK1 inhibitor prexasertib triggers VDAC1 dephosphorylation to activate mtDNA-STING signaling and synergize immunotherapy. *Cell reports*, 44(5), 115605.

Hristova DB, et al. (2024) DNA-PKcs is required for cGAS/STING-dependent viral DNA sensing in human cells. *iScience*, 27(1), 108760.

Wang H, et al. (2024) Preclinical study and phase II trial of adapting low-dose radiotherapy to immunotherapy in small cell lung cancer. *Med (New York, N.Y.)*, 5(10), 1237.

You E, et al. (2024) Disruption of cellular plasticity by repeat RNAs in human pancreatic cancer. *Cell*, 187(25), 7232.

Li Y, et al. (2023) SIRT2 negatively regulates the cGAS-STING pathway by deacetylating G3BP1. *EMBO reports*, 24(12), e57500.

Zhang Q, et al. (2022) AMPK directly phosphorylates TBK1 to integrate glucose sensing into innate immunity. *Molecular cell*, 82(23), 4519.

Zhang LM, et al. (2022) STING mediates neuroinflammatory response by activating NLRP3-related pyroptosis in severe traumatic brain injury. *Journal of neurochemistry*, 162(5), 444.

Kim S, et al. (2022) Mitochondrial double-stranded RNAs govern the stress response in chondrocytes to promote osteoarthritis development. *Cell reports*, 40(6), 111178.

Rasa SMM, et al. (2022) Inflammaging is driven by upregulation of innate immune receptors and systemic interferon signaling and is ameliorated by dietary restriction. *Cell reports*, 39(13), 111017.

Meng F, et al. (2021) Induced phase separation of mutant NF2 imprisons the cGAS-STING machinery to abrogate antitumor immunity. *Molecular cell*, 81(20), 4147.

Banerjee A, et al. (2021) Experimental and natural evidence of SARS-CoV-2-infection-induced activation of type I interferon responses. *iScience*, 24(5), 102477.

Song B, et al. (2021) Ordered assembly of the cytosolic RNA-sensing MDA5-MAVS signaling complex via binding to unanchored K63-linked poly-ubiquitin chains. *Immunity*, 54(10), 2218.

Chen S, et al. (2020) TBK1-Mediated DRP1 Targeting Confers Nucleic Acid Sensing to Reprogram Mitochondrial Dynamics and Physiology. *Molecular cell*, 80(5), 810.

Konno Y, et al. (2020) SARS-CoV-2 ORF3b Is a Potent Interferon Antagonist Whose Activity Is Increased by a Naturally Occurring Elongation Variant. *Cell reports*, 32(12), 108185.

Banerjee A, et al. (2019) Interferon Regulatory Factor 3-Mediated Signaling Limits Middle-East Respiratory Syndrome (MERS) Coronavirus Propagation in Cells from an Insectivorous Bat. *Viruses*, 11(2).