

Resource Summary Report

Generated by [dkNET](#) on Sep 4, 2026

J2 monoclonal antibody (mAb), mouse, IgG2a, kappa chain

RRID:AB_2651015

Type: Antibody

Proper Citation

SCICONS Cat# 10010200, RRID:AB_2651015

Antibody Information

URL: http://antibodyregistry.org/AB_2651015

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Target Antigen: dsRNA

Host Organism: mouse

Clonality: monoclonal

Comments: Validation information unknown, curator waiting to receive MDS from the manufacturer

Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE

Antibody Name: J2 monoclonal antibody (mAb), mouse, IgG2a, kappa chain

Description: This monoclonal targets dsRNA

Antibody ID: AB_2651015

Vendor: SCICONS

Catalog Number: 10010200

Alternative Catalog Numbers: 10010500

Record Creation Time: 20231110T034506+0000

Record Last Update: 20260831T204127+0000

Ratings and Alerts

- Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE - NYU Langone's Center for Biospecimen Research and Development <https://med.nyu.edu/research/scientific-cores-shared-resources/center-biospecimen-research-development>

No alerts have been found for J2 monoclonal antibody (mAb), mouse, IgG2a, kappa chain.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 84 mentions in open access literature.

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

Wolczyk M, et al. (2026) 5'-Triphosphate guanosine RNAs recruit GTP-binding proteins to suppress RIG-I/IFN type I signaling. *Molecular cell*, 86(11), 2124.

Guo H, et al. (2026) MAVS signaling exacerbates chondrocytes extracellular matrix degradation in osteoarthritis. *Cell reports*, 45(1), 116778.

Huang C, et al. (2026) Pregnenolone promotes immune evasion through blocking endogenous retrovirus expression. *Cell metabolism*, 38(5), 981.

Burgos-Morales O, et al. (2026) Coxsackievirus B escapes antiviral CD8+ T cells but triggers robust CD4+ memory responses. *Science advances*, 12(25), eaef5067.

Simanihuruk V, et al. (2026) Broad-spectrum antiviral activity of antisense oligonucleotides targeting GBF1 against SARS-CoV-2 and influenza viruses. *iScience*, 29(3), 114851.

Shin H, et al. (2026) ADAR1 regulates dsRNA formation in nuclear and mitochondrial transcripts through editing-dependent and -independent mechanisms. *Cell reports*, 45(3), 117026.

Sohn J, et al. (2026) Phenylalanyl-tRNA synthetase FARS-1/FARSA balances longevity and immunity by downregulating endogenous mitochondrial double-stranded RNAs. *Molecular cell*, 86(12), 2373.

Ai ZE, et al. (2026) Targeting ADAR1 p150 triggers tumor inhibition and antitumor immunity to overcome immunotherapy resistance. *iScience*, 29(6), 115978.

Fu Y, et al. (2026) ALG6 orchestrates coronavirus replication via the endoplasmic reticulum stress-autophagy axis. *Cell reports*, 45(4), 117108.

Yang ZH, et al. (2025) ZBP1 senses splicing aberration through Z-RNA to promote cell death. *Molecular cell*, 85(9), 1775.

Wang F, et al. (2025) Pseudouridine synthase 1-targeted therapy activates antiviral immunity to boost cancer immunotherapy. *Cell reports*, 44(9), 116233.

He J, et al. (2025) ZBP1 senses spliceosome stress through Z-RNA:DNA hybrid recognition. *Molecular cell*, 85(9), 1790.

Merold V, et al. (2025) Structural basis for OAS2 regulation and its antiviral function. *Molecular cell*, 85(11), 2176.

Huang C, et al. (2025) Priming with DNMT Inhibitors Potentiates PD-1 Immunotherapy by Triggering Viral Mimicry in Relapsed/Refractory NK/T-cell Lymphoma. *Cancer discovery*, 15(12), 2450.

Šulc P, et al. (2025) Repeats mimic pathogen-associated patterns across a vast evolutionary landscape. *Cell genomics*, 101011.

Wei T, et al. (2025) Multimodal CRISPR screens uncover DDX39B as a global repressor of A-to-I RNA editing. *Cell reports*, 44(7), 116009.

Wang Q, et al. (2025) ZBP1 pathway promotes tumor immunogenicity in the combination of anti-HER2 therapy and epigenetic therapy. *Cell reports*, 44(10), 116314.

Lu T, et al. (2025) Prkra dimer senses double-stranded RNAs to dictate global translation efficiency. *Molecular cell*, 85(10), 2032.

Genoyer E, et al. (2025) Exposure of negative-sense viral RNA in the cytoplasm initiates innate immunity to West Nile virus. *Molecular cell*, 85(6), 1147.

Sasaki N, et al. (2025) RNA sensing induced by chromosome missegregation augments anti-tumor immunity. *Molecular cell*, 85(4), 770.