

Resource Summary Report

Generated by [dkNET](#) on Aug 20, 2026

Mmp1 catalytic domain antibody - Rubin, G.M.; HHMI / Janelia Farm Research

RRID:AB_579780

Type: Antibody

Proper Citation

DSHB Cat# 3A6B4, RRID:AB_579780

Antibody Information

URL: http://antibodyregistry.org/AB_579780

Proper Citation: DSHB Cat# 3A6B4, RRID:AB_579780

Target Antigen: Mmp1 catalytic domain

Host Organism: mouse

Clonality: monoclonal

Comments: Application(s): Immunofluorescence, Immunoprecipitation, Western Blot; Date Deposited: 08/02/2006

Antibody Name: Mmp1 catalytic domain antibody - Rubin, G.M.; HHMI / Janelia Farm Research

Description: This monoclonal targets Mmp1 catalytic domain

Target Organism: Drosophila

Defining Citation: [PMID:22580825](#), [PMID:19196956](#), [PMID:23077599](#), [PMID:24980505](#), [PMID:16815999](#), [PMID:20404112](#), [PMID:19194501](#), [PMID:25005475](#), [PMID:21561986](#), [PMID:12530966](#), [PMID:25224221](#), [PMID:21672235](#), [PMID:22101275](#), [PMID:22262460](#), [PMID:23324326](#), [PMID:22265916](#)

Antibody ID: AB_579780

Vendor: DSHB

Catalog Number: 3A6B4

Record Creation Time: 20250820T065334+0000

Ratings and Alerts

No rating or validation information has been found for Mmp1 catalytic domain antibody - Rubin, G.M.; HHMI / Janelia Farm Research.

No alerts have been found for Mmp1 catalytic domain antibody - Rubin, G.M.; HHMI / Janelia Farm Research.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 29 mentions in open access literature.

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

Cave S, et al. (2026) Asperous coordinates regeneration timing by regulating damage-induced WNT signaling. *iScience*, 29(8), 116823.

Kamal A, et al. (2026) Bendless-mediated K63 ubiquitination modulates cellular signalling to regulate Drosophila hematopoiesis. *Cell communication and signaling : CCS*, 24(1).

Kong D, et al. (2025) Pp1-87B/PPP1CC-JNK axis integrates apoptosis and ferroptosis-like cell death to regulate cell competition and tumorigenesis. *Cell reports*, 44(9), 116240.

Hirooka E, et al. (2025) Macrophages promote tumor growth by phagocytosis-mediated cytokine amplification in Drosophila. *Current biology : CB*, 35(13), 3209.

Zhao S, et al. (2025) Hemocytes facilitate interclonal cooperation-induced tumor malignancy by hijacking the innate immune system in Drosophila. *The EMBO journal*.

Zang Y, et al. (2025) Programmed cell senescence is required for sensory organ development in Drosophila. *iScience*, 28(3), 112048.

Kong D, et al. (2025) Adipose tissue-secreted Spz5 promotes distal tumor progression via Toll-6-mediated Hh pathway activation in Drosophila. *The EMBO journal*, 44(15), 4301.

Maurya D, et al. (2024) Transient caspase-mediated activation of caspase-activated DNase causes DNA damage required for phagocytic macrophage differentiation. *Cell reports*, 43(5), 114251.

Stankovi?? D, et al. (2024) Xrp1 governs the stress response program to spliceosome dysfunction. *Nucleic acids research*, 52(5), 2093.

Wang X, et al. (2024) Nuclear receptor E75/NR1D2 promotes tumor malignant transformation by integrating Hippo and Notch pathways. *The EMBO journal*, 43(24),

Mitchell KA, et al. (2024) The JNK and Hippo pathways control epithelial integrity and prevent tumor initiation by regulating an overlapping transcriptome. *Current biology : CB*, 34(17), 3966.

Huang YT, et al. (2024) An unscheduled switch to endocycles induces a reversible senescent arrest that impairs growth of the *Drosophila* wing disc. *PLoS genetics*, 20(9), e1011387.

Huang YT, et al. (2024) An unscheduled switch to endocycles induces a reversible senescent arrest that impairs growth of the *Drosophila* wing disc. *bioRxiv : the preprint server for biology*.

Zheng J, et al. (2023) Differential Ire1 determines loser cell fate in tumor-suppressive cell competition. *Cell reports*, 42(11), 113303.

Friesen S, et al. (2023) Coordinated growth of linked epithelia is mediated by the Hippo pathway. *bioRxiv : the preprint server for biology*.

Ku HY, et al. (2023) Specialized cells that sense tissue mechanics to regulate *Drosophila* morphogenesis. *Developmental cell*, 58(3), 211.

Simoes AR, et al. (2022) Damage-responsive neuro-glial clusters coordinate the recruitment of dormant neural stem cells in *Drosophila*. *Developmental cell*, 57(13), 1661.

Shields A, et al. (2022) Toll-9 interacts with Toll-1 to mediate a feedback loop during apoptosis-induced proliferation in *Drosophila*. *Cell reports*, 39(7), 110817.

Worley MI, et al. (2022) Ets21C sustains a pro-regenerative transcriptional program in blastema cells of *Drosophila* imaginal discs. *Current biology : CB*, 32(15), 3350.

Xu DC, et al. (2022) Non-apoptotic activation of *Drosophila* caspase-2/9 modulates JNK signaling, the tumor microenvironment, and growth of wound-like tumors. *Cell reports*, 39(3), 110718.