

Resource Summary Report

Generated by [dkNET](#) on Aug 6, 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 26 mentions in open access literature.

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

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), 6336.

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. *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.

Simões 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.

Kong D, et al. (2022) Fat body-derived Spz5 remotely facilitates tumor-suppressive cell competition through Toll-6-?-Spectrin axis-mediated Hippo activation. *Cell reports*, 39(12), 110980.

Bian W, et al. (2021) Low-density-lipoprotein-receptor-related protein 1 mediates Notch pathway activation. *Developmental cell*, 56(20), 2902.

Girard JR, et al. (2021) Paths and pathways that generate cell-type heterogeneity and developmental progression in hematopoiesis. *eLife*, 10.