

Resource Summary Report

Generated by SPARC SAWG on Aug 10, 2026

Mouse Mer Antibody

RRID:AB_2098565

Type: Antibody

Proper Citation

R and D Systems Cat# AF591, RRID:AB_2098565

Antibody Information

URL: http://antibodyregistry.org/AB_2098565

Proper Citation: R and D Systems Cat# AF591, RRID:AB_2098565

Target Antigen: Mer

Host Organism: Goat

Clonality: polyclonal

Comments: Applications: Flow Cytometry, Immunohistochemistry, CyTOF-ready, Dual RNAscope ISH-IHC

Antibody Name: Mouse Mer Antibody

Description: This polyclonal targets Mer

Target Organism: Mouse

Antibody ID: AB_2098565

Vendor: R and D Systems

Catalog Number: AF591

Alternative Catalog Numbers: AF591-SP

Record Creation Time: 20250819T230925+0000

Record Last Update: 20250820T042746+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Mer Antibody.

No alerts have been found for Mouse Mer Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 16 mentions in open access literature.

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

Tavares GA, et al. (2026) Macrophage-mediated refinement of the dural lymphatic regulates social behavior. *Neuron*.

Lu T, et al. (2026) Dysplastic epithelial repair promotes the tissue residence of lymphocytes to inhibit alveolar regeneration post viral infection. *Cell stem cell*, 33(1), 108.

Kavanagh M, et al. (2026) Opposing functions of miR-155-5p and Socs1 drive vascular inflammation in diabetes-accelerated atherosclerosis. *Cardiovascular diabetology*, 25(1).

Fabiano MP, et al. (2025) Plasma extracellular vesicle surface-located GAS6/PROS1 and CD39/CD73 attenuate inflammation. *Cell reports*, 44(8), 116096.

Shen H, et al. (2023) Microglia and astrocytes mediate synapse engulfment in a MER tyrosine kinase-dependent manner after traumatic brain injury. *Neural regeneration research*, 18(8), 1770.

Huang X, et al. (2022) Synthesis of siRNA nanoparticles to silence plaque-destabilizing gene in atherosclerotic lesional macrophages. *Nature protocols*, 17(3), 748.

Huang Y, et al. (2022) Adaptable toolbox to characterize Alzheimer's disease pathology in mouse models. *STAR protocols*, 3(4), 101891.

Roy ER, et al. (2022) Concerted type I interferon signaling in microglia and neural cells promotes memory impairment associated with amyloid ?? plaques. *Immunity*, 55(5), 879.

Ferioti C, et al. (2022) *Klebsiella pneumoniae* hijacks the Toll-IL-1R protein SARM1 in a type I IFN-dependent manner to antagonize host immunity. *Cell reports*, 40(6), 111167.

Rosin JM, et al. (2021) Embryonic Microglia Interact with Hypothalamic Radial Glia during Development and Upregulate the TAM Receptors MERTK and AXL following an Insult. *Cell reports*, 34(1), 108587.

Konishi H, et al. (2020) Astrocytic phagocytosis is a compensatory mechanism for microglial dysfunction. *The EMBO journal*, 39(22), e104464.

Zhou Y, et al. (2020) Blockade of the Phagocytic Receptor MerTK on Tumor-Associated Macrophages Enhances P2X7R-Dependent STING Activation by Tumor-Derived cGAMP. *Immunity*, 52(2), 357.

Cai B, et al. (2020) Macrophage MerTK Promotes Liver Fibrosis in Nonalcoholic Steatohepatitis. *Cell metabolism*, 31(2), 406.

Thomas DG, et al. (2018) LXR Suppresses Inflammatory Gene Expression and Neutrophil Migration through cis-Repression and Cholesterol Efflux. *Cell reports*, 25(13), 3774.

Voronova A, et al. (2017) Migrating Interneurons Secrete Fractalkine to Promote Oligodendrocyte Formation in the Developing Mammalian Brain. *Neuron*, 94(3), 500.

Tufail Y, et al. (2017) Phosphatidylserine Exposure Controls Viral Innate Immune Responses by Microglia. *Neuron*, 93(3), 574.