Resource Summary Report

Generated by NIF on Sep 7, 2026

Mouse Anti-Human CD63 (MX-49.129.5) Monoclonal, Unconjugated, Clone Mx-49.129.5

RRID:AB_627877
Type: Antibody

Proper Citation

Santa Cruz Biotechnology Cat# sc-5275, RRID:AB_627877

Antibody Information

URL: http://antibodyregistry.org/AB_627877

Proper Citation: Santa Cruz Biotechnology Cat# sc-5275, RRID:AB_627877

Target Antigen: Human CD63

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown check with seller; recommendations: ELISA; Flow Cytometry; Immunocytochemistry; Immunofluorescence; Immunohistochemistry; Immunoprecipitation; Western Blot; Western Blotting, Immunoprecipitation, Immunofluorescence, Immunohistochemistry(P), Flow Cytometry, ELISA

Antibody Name: Mouse Anti-Human CD63 (MX-49.129.5) Monoclonal, Unconjugated, Clone Mx-49.129.5

Description: This monoclonal targets Human CD63

Target Organism: human

Clone ID: MX-49.129.5

Antibody ID: AB_627877

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-5275

Record Creation Time: 20231110T043809+0000

Record Last Update: 20260829T233424+0000

Ratings and Alerts

- Used for western blot assay by the Human Islet Research Network community. Contact(s): Raghavendra Mirmira, Farooq Syed, Carmella Evans-Molina - Human Islets Research Network https://hirnetwork.org/

No alerts have been found for Mouse Anti-Human CD63 (MX-49.129.5) Monoclonal, Unconjugated, Clone Mx-49.129.5.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 69 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Hladik C, et al. (2026) Nanoluciferase-CD63 labeling reveals extracellular vesicle kinetics in a mouse intraductal model of ductal carcinoma in situ. Breast cancer research : BCR, 28(1).

Syed F, et al. (2026) Beta cell microRNAs function as molecular hubs of type 1 diabetes pathogenesis and as biomarkers of diabetes risk. Diabetologia, 69(7), 1975.

Shi X, et al. (2026) Specific GPCRs elicit unique extracellular vesicle miRNA array signatures. eLife, 14.

Bhattacharya A, et al. (2026) Exosomal misfolded ??1-antitrypsin triggers a cytosolic GRP78-dependent unfolded protein response and pro-survival signaling in pre-metastatic tissues. The Journal of biological chemistry, 302(8), 113282.

Ho Han J, et al. (2026) Plasma extracellular vesicle sampling from glioblastoma demonstrates a small RNA signature indicative of disease and identifies lncRNA RPPH1 as a biomarker. Neuro-oncology advances, 8(1), vdaf273.

Capik O, et al. (2026) CCL26-Mediated Modulation of Endothelial Secretome by Hypoxia-Induced Tumor-Derived Exosomes Enhances Metastatic Progression in Head and Neck Cancer. Head & neck, 48(9), 2377.

Tiash S, et al. (2026) Immune cells regulate circulating adipocyte extracellular vesicle levels in response to metabolic shifts. Cell metabolism, 38(5), 929.

Chen G, et al. (2026) Single-cell multi-omic analyses highlight the essential role of NKX2.2-CLEC16A/endosomal pathway for human pancreatic differentiation and function. Cell reports, 45(2), 116990.

Tian Y, et al. (2026) TRIM27-controlled endothelium-derived exosomes play a central role in podocyte injury in diabetic kidney disease. Cell death discovery, 12(1).

Webbers SDS, et al. (2025) Characterization of human CD34+ HSPC-derived neutrophils with limited myeloid-derived immunosuppressive cell activity. iScience, 28(9), 113404.

Qiu S, et al. (2025) Differentiation of high risk prostate cancer with a facile urinary exosome detection workflow. iScience, 28(2), 111896.

Wang W, et al. (2025) Engineered Extracellular Vesicles Enriched with miR-214 Enhance the Efficacy of Chemotherapy for Ovarian Cancer. bioRxiv : the preprint server for biology.

Jung HG, et al. (2025) Control of aging-associated neurodegeneration via hypothalamic extracellular vesicles containing parathymosin. Cell reports, 44(11), 116561.

Li X, et al. (2025) Accumulation of Damaging Lipids in the Arf1-Ablated Neurons Promotes Neurodegeneration through Releasing mtDNA and Activating Inflammatory Pathways in Microglia. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 12(16), e2414260.

Visnovitz T, et al. (2025) A 'torn bag mechanism' of small extracellular vesicle release via limiting membrane rupture of en bloc released amphisomes (amphiectosomes). eLife, 13.

Zhou D, et al. (2025) Extracellular vesicle derived miRNAs from plasma as promising diagnosis and prognosis biomarkers for neuroblastoma. iScience, 28(11), 113636.

Jin F, et al. (2025) Phosphatidylserine-positive extracellular vesicles for detecting multiple operable cancers. Cell reports, 44(9), 116259.

Xing Y, et al. (2025) Long-range deployment of tumor-antigen-specific cytotoxic T lymphocytes inhibits lung metastasis of breast cancer. Developmental cell.

Yang J, et al. (2025) Peripheral blood neutrophil proteomic profiling with transcriptomic data integration reveals biomarkers for tuberculosis infection diagnosis. EBioMedicine, 120, 105945.

Castro V, et al. (2025) Rapid hepatitis C virus replication machinery removal after antiviral treatment with DAA monitored by multimodal imaging. Structure (London, England : 1993), 33(9), 1547.