Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 2, 2024

PE/Cyanine7 anti-mouse CD138 (Syndecan-1)

RRID:AB_2562198
Type: Antibody

Proper Citation

(BioLegend Cat# 142514 (also 142513), RRID:AB_2562198)

Antibody Information

URL: http://antibodyregistry.org/AB_2562198

Proper Citation: (BioLegend Cat# 142514 (also 142513), RRID:AB_2562198)

Target Antigen: CD138

Host Organism: rat

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: PE/Cyanine7 anti-mouse CD138 (Syndecan-1)

Description: This monoclonal targets CD138

Target Organism: mouse

Clone ID: Clone 281-2

Antibody ID: AB_2562198

Vendor: BioLegend

Catalog Number: 142514 (also 142513)

Alternative Catalog Numbers: 142513

Ratings and Alerts

No rating or validation information has been found for PE/Cyanine7 anti-mouse CD138 (Syndecan-1).

No alerts have been found for PE/Cyanine7 anti-mouse CD138 (Syndecan-1).

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 21 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Bierling TEH, et al. (2024) GLUT1-mediated glucose import in B cells is critical for anaplerotic balance and humoral immunity. Cell reports, 43(2), 113739.

Fike AJ, et al. (2023) STAT3 signaling in B cells controls germinal center zone organization and recycling. Cell reports, 42(5), 112512.

Ascani A, et al. (2023) The role of B cells in immune cell activation in polycystic ovary syndrome. eLife, 12.

Becktel DA, et al. (2022) Repeated Administration of 2-Hydroxypropyl-?-Cyclodextrin (HP?CD) Attenuates the Chronic Inflammatory Response to Experimental Stroke. The Journal of neuroscience : the official journal of the Society for Neuroscience, 42(2), 325.

Chen HY, et al. (2022) Epigenetic remodeling by vitamin C potentiates plasma cell differentiation. eLife, 11.

Hu Q, et al. (2022) Diverging regulation of Bach2 protein and RNA expression determine cell fate in early B cell response. Cell reports, 40(1), 111035.

Leung W, et al. (2022) SETD2 Haploinsufficiency Enhances Germinal Center-Associated AICDA Somatic Hypermutation to Drive B-cell Lymphomagenesis. Cancer discovery, 12(7), 1782.

Glaros V, et al. (2021) Limited access to antigen drives generation of early B cell memory while restraining the plasmablast response. Immunity, 54(9), 2005.

Chatterjee D, et al. (2021) Avid binding by B cells to the Plasmodium circumsporozoite protein repeat suppresses responses to protective subdominant epitopes. Cell reports, 35(2), 108996.

Szodoray P, et al. (2021) Integration of T helper and BCR signals governs enhanced plasma cell differentiation of memory B cells by regulation of CD45 phosphatase activity. Cell

reports, 36(6), 109525.

Zbesko JC, et al. (2021) IgA natural antibodies are produced following T-cell independent B-cell activation following stroke. Brain, behavior, and immunity, 91, 578.

McNamara HA, et al. (2020) Antibody Feedback Limits the Expansion of B Cell Responses to Malaria Vaccination but Drives Diversification of the Humoral Response. Cell host & microbe, 28(4), 572.

Soni C, et al. (2020) Plasmacytoid Dendritic Cells and Type I Interferon Promote Extrafollicular B Cell Responses to Extracellular Self-DNA. Immunity, 52(6), 1022.

New JS, et al. (2020) Neonatal Exposure to Commensal-Bacteria-Derived Antigens Directs Polysaccharide-Specific B-1 B Cell Repertoire Development. Immunity, 53(1), 172.

Baranek T, et al. (2020) High Dimensional Single-Cell Analysis Reveals iNKT Cell Developmental Trajectories and Effector Fate Decision. Cell reports, 32(10), 108116.

Yewdell WT, et al. (2020) A Hyper-IgM Syndrome Mutation in Activation-Induced Cytidine Deaminase Disrupts G-Quadruplex Binding and Genome-wide Chromatin Localization. Immunity, 53(5), 952.

Haniuda K, et al. (2020) Metabolic Reprogramming Induces Germinal Center B Cell Differentiation through Bcl6 Locus Remodeling. Cell reports, 33(5), 108333.

Venturutti L, et al. (2020) TBL1XR1 Mutations Drive Extranodal Lymphoma by Inducing a Pro-tumorigenic Memory Fate. Cell, 182(2), 297.

Béguelin W, et al. (2020) Mutant EZH2 Induces a Pre-malignant Lymphoma Niche by Reprogramming the Immune Response. Cancer cell, 37(5), 655.

Kim CJ, et al. (2018) The Transcription Factor Ets1 Suppresses T Follicular Helper Type 2 Cell Differentiation to Halt the Onset of Systemic Lupus Erythematosus. Immunity, 49(6), 1034.