

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on May 7, 2024

IgM Monoclonal Antibody (II/41), PE-Cyanine7, eBioscience

RRID:AB_469655

Type: Antibody

Proper Citation

(Thermo Fisher Scientific Cat# 25-5790-82, RRID:AB_469655)

Antibody Information

URL: http://antibodyregistry.org/AB_469655

Proper Citation: (Thermo Fisher Scientific Cat# 25-5790-82, RRID:AB_469655)

Target Antigen: IgM

Host Organism: rat

Clonality: monoclonal

Comments: Applications: Flow (0.125 µg/test)
Consolidation on 1/2020: AB_469655, AB_10116628

Antibody Name: IgM Monoclonal Antibody (II/41), PE-Cyanine7, eBioscience

Description: This monoclonal targets IgM

Target Organism: mouse

Clone ID: Clone II/41

Antibody ID: AB_469655

Vendor: Thermo Fisher Scientific

Catalog Number: 25-5790-82

Ratings and Alerts

No rating or validation information has been found for IgM Monoclonal Antibody (II/41), PE-Cyanine7, eBioscience.

No alerts have been found for IgM Monoclonal Antibody (II/41), PE-Cyanine7, eBioscience.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Zhang Z, et al. (2023) Immunotherapy targeting B cells and long-lived plasma cells effectively eliminates pre-existing donor-specific allo-antibodies. Cell reports. Medicine, 4(12), 101336.

Cox EM, et al. (2023) AKT activity orchestrates marginal zone B cell development in mice and humans. Cell reports, 42(4), 112378.

Frede A, et al. (2022) B cell expansion hinders the stroma-epithelium regenerative cross talk during mucosal healing. Immunity, 55(12), 2336.

Chen X, et al. (2022) Protocol to identify and monitor key mutations of broadly neutralizing antibody lineages following sequential immunization of Ig-humanized mice. STAR protocols, 3(1), 101180.

Chen W, et al. (2022) Adenosine deaminase acting on RNA-1 is essential for early B lymphopoiesis. Cell reports, 41(8), 111687.

Ruan GX, et al. (2022) The spliceosome component Usp39 controls B cell development by regulating immunoglobulin gene rearrangement. Cell reports, 38(6), 110338.

Doron I, et al. (2021) Human gut mycobiota tune immunity via CARD9-dependent induction of anti-fungal IgG antibodies. Cell, 184(4), 1017.

Pape KA, et al. (2021) High-affinity memory B cells induced by SARS-CoV-2 infection produce more plasmablasts and atypical memory B cells than those primed by mRNA vaccines. Cell reports, 37(2), 109823.

Chen X, et al. (2021) Vaccination induces maturation in a mouse model of diverse unmutated VRC01-class precursors to HIV-neutralizing antibodies with >50% breadth. Immunity, 54(2), 324.

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.

Olson WJ, et al. (2019) Orphan Nuclear Receptor NR2F6 Suppresses T Follicular Helper Cell Accumulation through Regulation of IL-21. *Cell reports*, 28(11), 2878.

Roco JA, et al. (2019) Class-Switch Recombination Occurs Infrequently in Germinal Centers. *Immunity*, 51(2), 337.

Duan H, et al. (2018) Glycan Masking Focuses Immune Responses to the HIV-1 CD4-Binding Site and Enhances Elicitation of VRC01-Class Precursor Antibodies. *Immunity*, 49(2), 301.

Dave K, et al. (2017) Mice deficient of Myc super-enhancer region reveal differential control mechanism between normal and pathological growth. *eLife*, 6.