

Resource Summary Report

Generated by SPARC SAWG on Aug 11, 2026

Mouse Anti-CD45 Monoclonal Antibody, PE-Cy7 Conjugated, Clone HI30

RRID:AB_396854

Type: Antibody

Proper Citation

BD Biosciences Cat# 557748, RRID:AB_396854

Antibody Information

URL: http://antibodyregistry.org/AB_396854

Proper Citation: BD Biosciences Cat# 557748, RRID:AB_396854

Target Antigen: CD45

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: Flow cytometry

Antibody Name: Mouse Anti-CD45 Monoclonal Antibody, PE-Cy7 Conjugated, Clone HI30

Description: This monoclonal targets CD45

Target Organism: human

Clone ID: HI30

Antibody ID: AB_396854

Vendor: BD Biosciences

Catalog Number: 557748

Record Creation Time: 20250820T014407+0000

Record Last Update: 20250820T114302+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Anti-CD45 Monoclonal Antibody, PE-Cy7 Conjugated, Clone HI30.

No alerts have been found for Mouse Anti-CD45 Monoclonal Antibody, PE-Cy7 Conjugated, Clone HI30.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 23 mentions in open access literature.

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

Bregante J, et al. (2026) Human liver cholangiocyte organoids capture the heterogeneity of in vivo liver ductal epithelium. *Cell reports*, 45(1), 116786.

Haffa M, et al. (2026) Protocol for culture, drug treatment, and dissociation of patient-derived 3D ovarian cancer microspheroids for flow cytometry. *STAR protocols*, 7(2), 104480.

Lewis AC, et al. (2026) Inhibition of heme biosynthesis triggers cuproptosis in acute myeloid leukemia. *Cell*, 189(1), 215.

Fitzgerald HC, et al. (2026) Molecular signature of human endometrial stem/progenitor cells at the single-cell level. *Stem cell reports*, 21(7), 102952.

Lin SH, et al. (2025) Plinabulin following radiation enhances dendritic cell maturation and checkpoint inhibitor retreatment of relapsed/refractory cancers. *Med (New York, N.Y.)*, 100752.

Tang Z, et al. (2025) Spatial transcriptomics reveals tryptophan metabolism restricting maturation of intratumoral tertiary lymphoid structures. *Cancer cell*, 43(6), 1025.

Huisman W, et al. (2025) Immuno-functionomics reveals geographical variation and a role for TLR8 in mRNA vaccine responses. *iScience*, 28(11), 113839.

Zhang Y, et al. (2024) CCL19-producing fibroblasts promote tertiary lymphoid structure formation enhancing anti-tumor IgG response in colorectal cancer liver metastasis. *Cancer cell*, 42(8), 1370.

Crouch EE, et al. (2024) Profiling human brain vascular cells using single-cell transcriptomics and organoids. *Nature protocols*, 19(3), 603.

Xiao BL, et al. (2023) HRS Regulates Small Extracellular Vesicle PD-L1 Secretion and Is Associated with Anti-PD-1 Treatment Efficacy. *Cancer immunology research*, 11(2), 228.

Ramos EK, et al. (2022) Machine learning-assisted elucidation of CD81-CD44 interactions in promoting cancer stemness and extracellular vesicle integrity. *eLife*, 11.

Hayashi Y, et al. (2022) MDS cells impair osteolineage differentiation of MSCs via extracellular vesicles to suppress normal hematopoiesis. *Cell reports*, 39(6), 110805.

Zhang Y, et al. (2022) Temporal molecular program of human hematopoietic stem and progenitor cells after birth. *Developmental cell*, 57(24), 2745.

Crouch EE, et al. (2022) Ensembles of endothelial and mural cells promote angiogenesis in prenatal human brain. *Cell*, 185(20), 3753.

Prasad P, et al. (2021) Glutamine deficiency promotes stemness and chemoresistance in tumor cells through DRP1-induced mitochondrial fragmentation. *Cellular and molecular life sciences : CMLS*, 78(10), 4821.

Evren E, et al. (2021) Distinct developmental pathways from blood monocytes generate human lung macrophage diversity. *Immunity*, 54(2), 259.

Houtsma R, et al. (2021) CombiFlow: Flow cytometry-based identification and characterization of genetically and functionally distinct AML subclones. *STAR protocols*, 2(4), 100864.

Marin E, et al. (2019) Human Tolerogenic Dendritic Cells Regulate Immune Responses through Lactate Synthesis. *Cell metabolism*, 30(6), 1075.

Shao TY, et al. (2019) Commensal *Candida albicans* Positively Calibrates Systemic Th17 Immunological Responses. *Cell host & microbe*, 25(3), 404.

Masiuk KE, et al. (2019) Lentiviral Gene Therapy in HSCs Restores Lineage-Specific Foxp3 Expression and Suppresses Autoimmunity in a Mouse Model of IPEX Syndrome. *Cell stem cell*, 24(2), 309.