

# Resource Summary Report

Generated by [dkNET](#) on Aug 22, 2026

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

RRID:AB\_396854

Type: Antibody

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### Proper Citation

BD Biosciences Cat# 557748, RRID:AB\_396854

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_396854](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

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### 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.

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 23 mentions in open access literature.

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

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.

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

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.