

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

CD45 Monoclonal Antibody (HI30), Alexa Fluor™ 488

RRID:AB_10392555

Type: Antibody

Proper Citation

Thermo Fisher Scientific Cat# MHCD4520, RRID:AB_10392555

Antibody Information

URL: http://antibodyregistry.org/AB_10392555

Proper Citation: Thermo Fisher Scientific Cat# MHCD4520, RRID:AB_10392555

Target Antigen: CD45

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: Flow (Assay-Dependent)

Antibody Name: CD45 Monoclonal Antibody (HI30), Alexa Fluor™ 488

Description: This monoclonal targets CD45

Target Organism: human

Clone ID: Clone HI30

Defining Citation: [PMID:26080707](#)

Antibody ID: AB_10392555

Vendor: Thermo Fisher Scientific

Catalog Number: MHCD4520

Record Creation Time: 20250819T205721+0000

Record Last Update: 20250819T212210+0000

Ratings and Alerts

No rating or validation information has been found for CD45 Monoclonal Antibody (HI30), Alexa Fluor™ 488.

No alerts have been found for CD45 Monoclonal Antibody (HI30), Alexa Fluor™ 488.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Han L, et al. (2022) Muscle satellite cells are impaired in type 2 diabetic mice by elevated extracellular adenosine. Cell reports, 39(9), 110884.

Sun Y, et al. (2019) CTC phenotyping for a preoperative assessment of tumor metastasis and overall survival of pancreatic ductal adenocarcinoma patients. EBioMedicine, 46, 133.

Judson RN, et al. (2018) Inhibition of Methyltransferase Setd7 Allows the In Vitro Expansion of Myogenic Stem Cells with Improved Therapeutic Potential. Cell stem cell, 22(2), 177.

Shaw Bagnall J, et al. (2016) Deformability-based cell selection with downstream immunofluorescence analysis. Integrative biology : quantitative biosciences from nano to macro, 8(5), 654.