

Resource Summary Report

Generated by [dkNET](#) on Aug 18, 2026

Alexa Fluor(R) 647 anti-mouse/human CD44

RRID:AB_493681

Type: Antibody

Proper Citation

BioLegend Cat# 103018, RRID:AB_493681

Antibody Information

URL: http://antibodyregistry.org/AB_493681

Proper Citation: BioLegend Cat# 103018, RRID:AB_493681

Target Antigen: CD44

Host Organism: rat

Clonality: monoclonal

Comments: Applications: FC, ICC, SB

Antibody Name: Alexa Fluor(R) 647 anti-mouse/human CD44

Description: This monoclonal targets CD44

Target Organism: mouse, human

Clone ID: Clone IM7

Antibody ID: AB_493681

Vendor: BioLegend

Catalog Number: 103018

Alternative Catalog Numbers: 103017

Record Creation Time: 20250819T215121+0000

Record Last Update: 20250820T001841+0000

Ratings and Alerts

- This antibody has been included in the HuBMAP's Organ Mapping Antibody Panels, please see specific validation data: <https://avr.hubmapconsortium.org> See: Human_Spleen_Manual_IBEX.xlsx - The Human BioMolecular Atlas Program <https://humanatlas.io/omap>

No alerts have been found for Alexa Fluor(R) 647 anti-mouse/human CD44.

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 [dkNET](#) .

Eggert J, et al. (2024) Cbl-b mitigates the responsiveness of naive CD8+ T cells that experience extensive tonic T cell receptor signaling. Science signaling, 17(822), eadh0439.

Radtke AJ, et al. (2024) Multi-omic profiling of follicular lymphoma reveals changes in tissue architecture and enhanced stromal remodeling in high-risk patients. Cancer cell, 42(3), 444.

Beltra JC, et al. (2023) Stat5 opposes the transcription factor Tox and rewires exhausted CD8+ T cells toward durable effector-like states during chronic antigen exposure. Immunity, 56(12), 2699.

Beltra JC, et al. (2020) Developmental Relationships of Four Exhausted CD8+ T Cell Subsets Reveals Underlying Transcriptional and Epigenetic Landscape Control Mechanisms. Immunity, 52(5), 825.