

Resource Summary Report

Generated by [ASWG](#) on Aug 10, 2026

violetFluor 450 Anti-Human/Mouse CD44 (IM7) Antibody

RRID:AB_2621946

Type: Antibody

Proper Citation

Tonbo Biosciences Cat# 75-0441, RRID:AB_2621946

Antibody Information

URL: http://antibodyregistry.org/AB_2621946

Proper Citation: Tonbo Biosciences Cat# 75-0441, RRID:AB_2621946

Target Antigen: CD44

Host Organism: rat

Clonality: monoclonal

Comments: Original manufacturer of this product; Applications: FC Dilution: This antibody preparation has been quality-tested for flow cytometry using mouse spleen cells, or an appropriate cell type (where indicated). Please refer to the figure legend for the optimal concentration used to stain the tissue shown. We recommend titrating the antibody under your specific conditions to determine the optimal concentration of antibody needed in your experimental system.

Antibody Name: violetFluor 450 Anti-Human/Mouse CD44 (IM7) Antibody

Description: This monoclonal targets CD44

Target Organism: mouse, human

Clone ID: IM7

Antibody ID: AB_2621946

Vendor: Tonbo Biosciences

Catalog Number: 75-0441

Alternative Catalog Numbers: OWL-A12218

Record Creation Time: 20250820T012029+0000

Record Last Update: 20250820T104016+0000

Ratings and Alerts

No rating or validation information has been found for violetFluor 450 Anti-Human/Mouse CD44 (IM7) Antibody.

No alerts have been found for violetFluor 450 Anti-Human/Mouse CD44 (IM7) Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Palmer R, et al. (2025) Spatially Resolved Immune Profiling of the Murine Lung Using In Vivo Labeling and Spectral Cytometry. Current protocols, 5(12), e70276.

Wilfahrt D, et al. (2021) Histone deacetylase 3 represses cholesterol efflux during CD4+ T-cell activation. eLife, 10.