

Resource Summary Report

Generated by [RRID](#) on Jul 29, 2026

CD44

RRID:AB_397098

Type: Antibody

Proper Citation

BD Biosciences Cat# 558739, RRID:AB_397098

Antibody Information

URL: http://antibodyregistry.org/AB_397098

Proper Citation: BD Biosciences Cat# 558739, RRID:AB_397098

Target Antigen: CD44

Host Organism: rat

Clonality: monoclonal

Comments: Applications: Immunohistochemistry-frozen, Flow cytometry, Western blot, Immunohistochemistry-formalin (antigen retrieval required), ELISA, Blocking

Antibody Name: CD44

Description: This monoclonal targets CD44

Target Organism: mouse

Antibody ID: AB_397098

Vendor: BD Biosciences

Catalog Number: 558739

Record Creation Time: 20250820T032210+0000

Record Last Update: 20250820T160414+0000

Ratings and Alerts

No rating or validation information has been found for CD44.

No alerts have been found for CD44.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Louati K, et al. (2025) Application of the Mass Spectrometry-High-Throughput Technique Over the Immunohistochemical Analysis for Human Brain Tumor Diagnosis and Prognosis: Insights Into Biomarkers' Identification for the Case Study of Grade IV Astrocytomas and Meningiomas. Biomedical chromatography : BMC, 39(9), e70170.

Louati K, et al. (2025) The Identification by Shotgun Proteomics with High-Resolution Tandem Mass-Spectrometry of Histone Isoforms' Hypermethylation Phenotype as a Hallmark Characteristic of Human-IDH-Mutant High-Grade Gliomas: Epigenetic Applications for Genotoxicity-Based Biomarkers and Cancer Therapy Targets. Journal of proteome research, 24(9), 4503.

Takasugi M, et al. (2023) CD44 correlates with longevity and enhances basal ATF6 activity and ER stress resistance. Cell reports, 42(9), 113130.

Louati K, et al. (2023) Shotgun Proteomic-Based Approach with a Q-Exactive Hybrid Quadrupole-Orbitrap High-Resolution Mass Spectrometer for Protein Adductomics on a 3D Human Brain Tumor Neurospheroid Culture Model: The Identification of Adduct Formation in Calmodulin-Dependent Protein Kinase-2 and Annexin-A1 Induced by Pesticide Mixture. Journal of proteome research, 22(12), 3811.

Chen L, et al. (2023) TGFB1 induces fetal reprogramming and enhances intestinal regeneration. Cell stem cell, 30(11), 1520.

Louati K, et al. (2023) Differential Proteome Profiling Analysis under Pesticide Stress by the Use of a Nano-UHPLC-MS/MS Untargeted Proteomic-Based Approach on a 3D-Developed Neurospheroid Model: Identification of Protein Interactions, Prognostic Biomarkers, and Potential Therapeutic Targets in Human IDH Mutant High-Grade Gliomas. Journal of proteome research, 22(11), 3534.

Garcia-Diaz C, et al. (2023) Glioblastoma cell fate is differentially regulated by the microenvironments of the tumor bulk and infiltrative margin. Cell reports, 42(5), 112472.