

Resource Summary Report

Generated by ASWG on Aug 9, 2026

Rat Anti-CD44 Monoclonal Antibody, Unconjugated, Clone KM114

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: Rat Anti-CD44 Monoclonal Antibody, Unconjugated, Clone KM114

Description: This monoclonal targets CD44

Target Organism: mouse

Clone ID: KM114

Antibody ID: AB_397098

Vendor: BD Biosciences

Catalog Number: 558739

Record Creation Time: 20250820T045851+0000

Record Last Update: 20250820T202727+0000

Ratings and Alerts

No rating or validation information has been found for Rat Anti-CD44 Monoclonal Antibody, Unconjugated, Clone KM114.

No alerts have been found for Rat Anti-CD44 Monoclonal Antibody, Unconjugated, Clone KM114.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Nebeling FC, et al. (2026) Microglia-glioblastoma crosstalk mediates glioblastoma invasion at the far infiltration zone. *Immunity*, 59(4), 1075.

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.

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.

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

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.