

Resource Summary Report

Generated by [NIF](#) on Sep 9, 2026

Human/Mouse Pax3/Pax7 Antibody

RRID:AB_2159398

Type: Antibody

Proper Citation

R and D Systems Cat# MAB2457, RRID:AB_2159398

Antibody Information

URL: http://antibodyregistry.org/AB_2159398

Proper Citation: R and D Systems Cat# MAB2457, RRID:AB_2159398

Target Antigen: Pax3/Pax7

Host Organism: Mouse

Clonality: monoclonal

Comments: Applications: Western Blot, Intracellular Staining by Flow Cytometry, Immunocytochemistry, CyTOF-ready

Antibody Name: Human/Mouse Pax3/Pax7 Antibody

Description: This monoclonal targets Pax3/Pax7

Target Organism: Human, Mouse

Clone ID: 274212

Antibody ID: AB_2159398

Vendor: R and D Systems

Catalog Number: MAB2457

Alternative Catalog Numbers: MAB2457-SP

Record Creation Time: 20231110T081251+0000

Record Last Update: 20260831T232511+0000

Ratings and Alerts

- Independent validation by the NYU Langone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:TRUE, Functional in animal:FALSE, NonFunctional in animal:FALSE - NYU Langone's Center for Biospecimen Research and Development <https://med.nyu.edu/research/scientific-cores-shared-resources/center-biospecimen-research-development>

No alerts have been found for Human/Mouse Pax3/Pax7 Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Rodriguez C, et al. (2026) Protocol for inducing dorsal spinal sensory interneurons from mouse embryonic stem cell-derived neuromesodermal progenitors. STAR protocols, 7(1), 104307.

Jeong J, et al. (2026) Developmental dynamics of skeletal muscle can be recapitulated in vitro from pig embryonic stem cells. Stem cell reports, 21(6), 102921.

Liu Z, et al. (2021) The vascularization, innervation and myogenesis of early regenerated tail in Gekko japonicus. Journal of molecular histology, 52(6), 1189.

Zhang L, et al. (2020) Generation of Functional Brown Adipocytes from Human Pluripotent Stem Cells via Progression through a Paraxial Mesoderm State. Cell stem cell, 27(5), 784.

Stone OA, et al. (2019) Paraxial Mesoderm Is the Major Source of Lymphatic Endothelium. Developmental cell, 50(2), 247.

McBride MJ, et al. (2018) The SS18-SSX Fusion Oncoprotein Hijacks BAF Complex Targeting and Function to Drive Synovial Sarcoma. Cancer cell, 33(6), 1128.