

Resource Summary Report

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

Mouse Anti-Phosphotyrosine Monoclonal Antibody, Unconjugated, Clone PY20

RRID:AB_477342

Type: Antibody

Proper Citation

Sigma-Aldrich Cat# P4110, RRID:AB_477342

Antibody Information

URL: http://antibodyregistry.org/AB_477342

Proper Citation: Sigma-Aldrich Cat# P4110, RRID:AB_477342

Target Antigen: Phosphotyrosine

Host Organism: mouse

Clonality: monoclonal

Comments: Vendor recommendations: Immunohistochemistry; Immunoprecipitation; Western Blot; Immunohistochemistry, Immunoprecipitation, Western Blot

Antibody Name: Mouse Anti-Phosphotyrosine Monoclonal Antibody, Unconjugated, Clone PY20

Description: This monoclonal targets Phosphotyrosine

Clone ID: Clone PY20

Antibody ID: AB_477342

Vendor: Sigma-Aldrich

Catalog Number: P4110

Record Creation Time: 20250820T005154+0000

Record Last Update: 20250820T092403+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Anti-Phosphotyrosine Monoclonal Antibody, Unconjugated, Clone PY20.

No alerts have been found for Mouse Anti-Phosphotyrosine Monoclonal Antibody, Unconjugated, Clone PY20.

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 [NIF](#) .

Gómez-Torres MJ, et al. (2023) Molecular Chaperone HSPA2 Distribution During Hyaluronic Acid Selection in Human Sperm. Reproductive sciences (Thousand Oaks, Calif.), 30(4), 1176.

Banta KL, et al. (2022) Mechanistic convergence of the TIGIT and PD-1 inhibitory pathways necessitates co-blockade to optimize anti-tumor CD8+ T cell responses. Immunity, 55(3), 512.

Xu X, et al. (2021) Molecular features underlying differential SHP1/SHP2 binding of immune checkpoint receptors. eLife, 10.

Crerar H, et al. (2019) Regulation of NGF Signaling by an Axonal Untranslated mRNA. Neuron, 102(3), 553.

Zhao Y, et al. (2019) PD-L1:CD80 Cis-Heterodimer Triggers the Co-stimulatory Receptor CD28 While Repressing the Inhibitory PD-1 and CTLA-4 Pathways. Immunity, 51(6), 1059.

Pollard DJ, et al. (2018) Broad-Spectrum Regulation of Nonreceptor Tyrosine Kinases by the Bacterial ADP-Ribosyltransferase EspJ. mBio, 9(2).

Yamashita N, et al. (2017) Phospho-Regulation of Soma-to-Axon Transcytosis of Neurotrophin Receptors. Developmental cell, 42(6), 626.