

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.