

Resource Summary Report

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

Mouse Anti-Substance P Monoclonal Antibody, Unconjugated, Clone SP-DE4-21

RRID:AB_300971

Type: Antibody

Proper Citation

Abcam Cat# ab14184, RRID:AB_300971

Antibody Information

URL: http://antibodyregistry.org/AB_300971

Proper Citation: Abcam Cat# ab14184, RRID:AB_300971

Target Antigen: Substance P

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012: ELISA; Immunohistochemistry; ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-P

Antibody Name: Mouse Anti-Substance P Monoclonal Antibody, Unconjugated, Clone SP-DE4-21

Description: This monoclonal targets Substance P

Target Organism: guinea pig, rat, human

Clone ID: Clone SP-DE4-21

Antibody ID: AB_300971

Vendor: Abcam

Catalog Number: ab14184

Record Creation Time: 20250819T233740+0000

Record Last Update: 20250820T055513+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Anti-Substance P Monoclonal Antibody, Unconjugated, Clone SP-DE4-21.

No alerts have been found for Mouse Anti-Substance P Monoclonal Antibody, Unconjugated, Clone SP-DE4-21.

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](#) .

Ren L, et al. (2025) Sensory neurons drive pancreatic cancer progression through glutamatergic neuron-cancer pseudo-synapses. Cancer cell.

Grunz EA, et al. (2023) Adventitial macrophage accumulation impairs perivascular nerve function in mesenteric arteries with inflammatory bowel disease. Frontiers in physiology, 14, 1198066.

Hua F, et al. (2023) Substance P promotes epidural fibrosis via induction of type 2 macrophages. Neural regeneration research, 18(10), 2252.

Norton CE, et al. (2021) Role of perivascular nerve and sensory neurotransmitter dysfunction in inflammatory bowel disease. American journal of physiology. Heart and circulatory physiology, 320(5), H1887.

Blumer R, et al. (2019) How to visualize the innervation pattern in tendons: A methodical guide. Annals of anatomy = Anatomischer Anzeiger : official organ of the Anatomische Gesellschaft, 225, 21.

Boesmueller S, et al. (2019) Molecular Pattern and Density of Axons in the Long Head of the Biceps Tendon and the Superior Labrum. Journal of clinical medicine, 8(12).

Aoki S, et al. (2019) An open cortico-basal ganglia loop allows limbic control over motor output via the nigrothalamic pathway. eLife, 8.