

Resource Summary Report

Generated by PRECISE-TBI on Aug 17, 2026

CGRP (D5R8F) Rabbit mAb

RRID:AB_2798662

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 14959, RRID:AB_2798662

Antibody Information

URL: http://antibodyregistry.org/AB_2798662

Proper Citation: Cell Signaling Technology Cat# 14959, RRID:AB_2798662

Target Antigen: CALCA iso3

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IF-F, IF-IC

Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE

Antibody Name: CGRP (D5R8F) Rabbit mAb

Description: This monoclonal targets CALCA iso3

Target Organism: h, m, r

Clone ID: Clone D5R8F

Antibody ID: AB_2798662

Vendor: Cell Signaling Technology

Catalog Number: 14959

Record Creation Time: 20250819T230627+0000

Record Last Update: 20250820T041828+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:FALSE, 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 CGRP (D5R8F) Rabbit mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

McIlvried LA, et al. (2026) CGRP signaling links tumor-associated pain to immune evasion in oral squamous cell carcinoma. Cell reports, 45(2), 116994.

Hu S, et al. (2026) TREM2 activation suppresses central sensitisation by promoting autophagy in a chronic migraine model with recurrent nitroglycerin stimulation in mice. British journal of pharmacology, 183(11), 2803.

Wang Z, et al. (2026) Skin-innervating glutamatergic neurons modulate aging. Cell.

Wei Y, et al. (2026) Casticin promotes M2 macrophage polarisation and dorsal root ganglion neuronal autophagy to alleviate cold hyperalgesia in knee osteoarthritis by regulating histone-lysine N-methyltransferase (SETDB2). British journal of pharmacology, 183(16), 5033.

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

Yang X, et al. (2025) Nociceptor-derived CGRP enhances dermal type I conventional dendritic cell function to drive autoreactive CD8+ T cell responses in vitiligo. Immunity, 58(8), 2086.

Zhang Y, et al. (2025) Cancer cells co-opt an inter-organ neuroimmune circuit to escape immune surveillance. Cell, 188(24), 6754.

Chen J, et al. (2024) Distribution and morphology of calcitonin gene-related peptide (CGRP) innervation in flat mounts of whole rat atria and ventricles. Autonomic neuroscience : basic & clinical, 251, 103127.

Pan C, et al. (2024) Naringenin relieves paclitaxel-induced pain by suppressing calcitonin gene-related peptide signalling and enhances the anti-tumour action of paclitaxel. British

journal of pharmacology, 181(17), 3136.

Tian T, et al. (2024) Characterization of sensory and motor dysfunction and morphological alterations in late stages of type 2 diabetic mice. *Frontiers in endocrinology*, 15, 1374689.

Lin TT, et al. (2023) Suppressing high mobility group box-1 release alleviates morphine tolerance via the adenosine 5'-monophosphate-activated protein kinase/heme oxygenase-1 pathway. *Neural regeneration research*, 18(9), 2067.

Zhong S, et al. (2023) Blockade of CCR5 suppresses paclitaxel-induced peripheral neuropathic pain caused by increased deoxycholic acid. *Cell reports*, 42(11), 113386.

Sun PY, et al. (2023) Lidocaine alleviates inflammation and pruritus in atopic dermatitis by blocking different population of sensory neurons. *British journal of pharmacology*, 180(10), 1339.

Ma J, et al. (2023) Organization and morphology of calcitonin gene-related peptide-immunoreactive axons in the whole mouse stomach. *The Journal of comparative neurology*, 531(16), 1608.

Zhang Y, et al. (2022) Cancer cells co-opt nociceptive nerves to thrive in nutrient-poor environments and upon nutrient-starvation therapies. *Cell metabolism*, 34(12), 1999.