

Anti-Calcitonin Gene Related Peptide (CGRP) Antibody

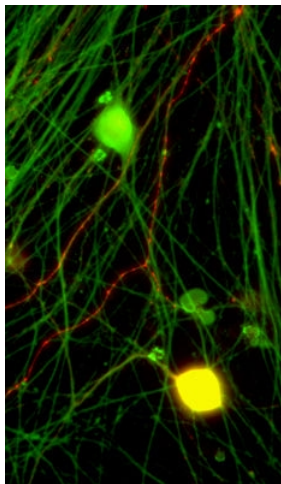


Product Details

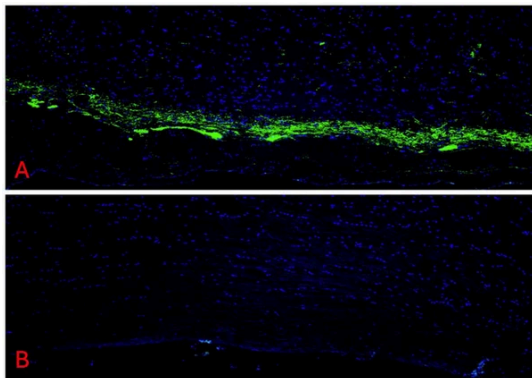
Available Variants	100 µL (SKU:311-CGRP) 25 µL (SKU:311-CGRPt)
Conjugate	Unconjugated
Isotype	IgG2a
Clone	4901
Gene Name	CALCA
Host Species	Mouse
Format	Protein G Purified
Physical State	Liquid
Buffer	10 mM HEPES (pH 7.5), 150 mM NaCl, 100 µg per ml BSA and 50% glycerol.
Production Notes	Protein G purified culture supernatant.
Applications	ELISA, ICC
Dilution Ranges	WB: not recommended ICC: 1:50-1:100
Species Reactivity	Human, Rat
Immunogen	Purified rat alpha-CGRP.
Specificity	Specific for Calcitonin Gene Related Peptide. Also recognizes rat beta-CGRP and human alpha-CGRP (10-fold less sensitivity compared to rat alpha-CGRP). Suggested positive controls are dorsal root ganglia, pancreas and gut.
Quality Control	ICC performed on each lot.
Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.

Antibody Registry ID	AB_2492054
UniProt ID	<u>P01256</u>
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.
NCBI Gene ID	24241

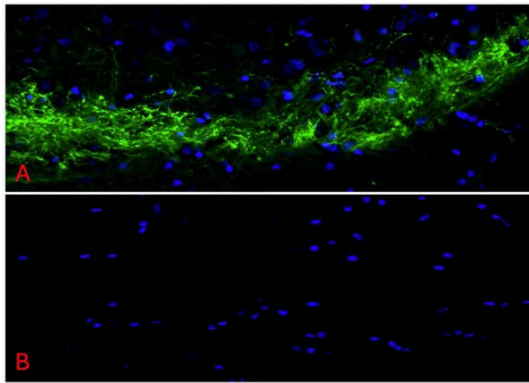
Product Images



Immunostaining of CGRP (red) in cryopreserved DRG neurons grown on coverslips. 40xmag. Green staining is PGP9.5. Yellow staining is the colocalization of CGRP and PGP9.5. Cells were obtained and photo was provided courtesy of QBMCellScience.



Immunofluorescent staining of Calcitonin Gene Related Peptide (CGRP) in the spinal trigeminal nucleus of the rat brainstem using PhosphoSolutions anti-CGRP mouse monoclonal antibody (Cat No. 311-CGRP). The sections of formalin fixed, paraffin rat brain tissue were blocked with Immuno Protein Blocking Solution with 5% Goat Serum (AR-6591-04). In image A, the anti-CGRP antibody (Cat No. 311-CGRP) was incubated with the sample at a dilution of 1:500 (2 ug/mL) at 4°C overnight. Image B depicts the absence of staining in a secondary only control. After washing with TBST, the tissues were stained using goat anti-mouse Alexa Fluor 488 (green). The tissues were mounted with Antibodies Incorporated Fluoroshield with DAPI and DABCO mounting medium (Cat No. AR-6505). DAPI nuclear stain (blue) shows cell nuclei. Magnification 100X.



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Product Page URL: www.antibodiesinc.com/products/anti-calcitonin-gene-related-peptide-cgrp-antibody-311-cgrp



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