
CGRP Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 253116

Unit: 0.1 ml

Description:

The calcitonin family of bioactive peptides comprises of calcitonin, amylin, adrenomedullin (ADM) and two calcitonin-gene related peptides (CGRP1 and CGRP2). CGRP is a 37-aa peptide produced by tissue specific processing of calcitonin. Calcitonin is the major product in the thyroid, whereas CGRP is prominent in neural tissues. CGRP is a potent cardiovascular agent with structural similarity with amylin. CGRP is found in two isoforms (CGRP-I and CGRP-II) that differ only by 3 amino acids.

Isotype: Mouse IgG2a

Applications: E, ICC

Species Reactivity: H, M, R

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of HEPES (pH7.5), 0.01% BSA, with 50% glycerol. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Calcitonin gene-related peptide 1; Calcitonin gene-related peptide I; CGRP-I; Alpha-type CGRP; CALCA; CALC1; Calcitonin gene-related peptide 2; Calcitonin gene-related peptide II; CGRP-II; beta-type CGRP; CALCB; CALC2

Accession No.: P01256

Antigen: Rat alpha-CGRP.

Application Notes: Cat. No. 253116 recognizes rat alpha-CGRP and cross-reacts with rat beta-CGRP and human alpha-CGRP (10%). E: 1:500-1:1,000; ICC: 1:50-1:100

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.