
Adrenomedullin Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 250239

Unit: 0.2 mg

Description:

Human adrenomedullin is a 52 amino-acid peptide (mw 6029) with the physiological effect of lowering blood pressure through vasodilatation, an effect it shares with calcitonin gene-related peptide (CGRP) and vasoactive intestinal peptide (VIP). In addition adrenomedullin has other cardiovascular effects including growth and development of both cardiovascular tissues and bone, and has effects in the central nervous system connected with the regulation of fluid balance. This antibody binds human adrenomedullin within aa 22-52 and shows no cross-reaction with CGRP.

Isotype: Mouse IgG1

Applications: E, WB

Species Reactivity: H

Format: Each vial contains 0.2 mg IgG in 0.2 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-A/G affinity chromatography.

Alternate Names: Adrenomedullin; ADM; AM

Accession No.: P35318

Antigen: Synthetic human adrenomedullin 1-52

Application Notes: The ELISA dilution guideline applies to adrenomedullin coated directly at 1.0 ug/mL. The binding of Product Cat. No. 250239 to coated ADM is not inhibited by full-length adrenomedullin in solution up to a concentration of 1 µmol/L, but is inhibited by adrenomedullin (22-52) in solution. E: 1:40,000; WB: 1:200-1:1,000

Storage: Store at 4°C. Product is guaranteed 6 months from the date of shipment.

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