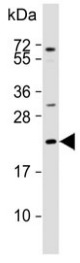
Adrenomedullin antibody / ADM (F54412)

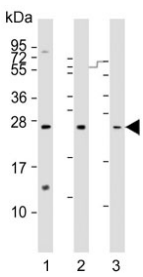
Catalog No.	Formulation	Size
F54412-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54412-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
UniProt	P35318
Applications	Western blot: 1:500-1:2000 Flow cytometry: 1:25 (1x10e6 cells)
Limitations	This Adrenomedullin antibody is available for research use only.



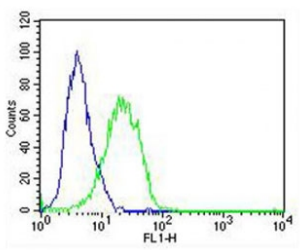
Western blot testing of human MCF7 cell lysate with Adrenomedullin antibody.



Western blot testing of human 1) breast, 2) kidney and 3) lung lysate with Adrenomedullin antibody.



Western blot testing of mouse lung lysate with Adrenomedullin antibody.



Flow cytometry testing of fixed and permeabilized human A549 cells with Adrenomedullin antibody; Blue=isotype control, Green= Adrenomedullin antibody.

Description

ADM, a hypotensive peptide found in human pheochromocytoma, consists of 52 amino acids, has 1 intramolecular disulfide bond, and shows a slight homology with the calcitonin gene-related peptide. It may function as a hormone in circulation control because it is found in blood in a considerable concentration. The precursor, called preproadrenomedullin, is 185 amino acids long. By RNA-blot analysis, human adrenomedullin mRNA was found to be highly expressed in several tissues. Genomic ADM DNA consists of 4 exons and 3 introns, with the 5-prime flanking region containing TATA, CAAT, and GC boxes.

Application Notes

The stated application concentrations are suggested starting points. Titration of the Adrenomedullin antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 69-96 from the human protein was used as the immunogen for the Adrenomedullin antibody.

Storage

Aliquot the Adrenomedullin antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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