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anti-Adrenomedullin antibody (AA 69-96)

3 Images



Overview	
Quantity:	400 μL
Target:	Adrenomedullin (ADM)
Binding Specificity:	AA 69-96
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Adrenomedullin antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)
Product Details	
Immunogen:	This ADM antibody is generated from rabbits immunized with a KLH conjugated synthetic
	peptide between 69-96 amino acids from the Central region of human ADM.
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	Adrenomedullin (ADM)
Alternative Name:	ADM (ADM Products)
Target Type:	Hormone
Background:	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.

Molecular Weight: 20 kDa

Gene ID: 133

UniProt: P35318

Pathways: Hormone Transport, Hormone Activity, C21-Steroid Hormone Metabolic Process, cAMP Metabolic Process, Myometrial Relaxation and Contraction, Regulation of G-Protein Coupled

Receptor Protein Signaling, Tube Formation

Application Details

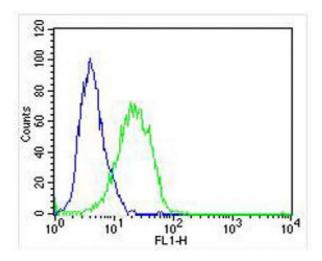
Application Notes:	For WB starting dilution is: 1:2000
	For FACS starting dilution is: 1:25

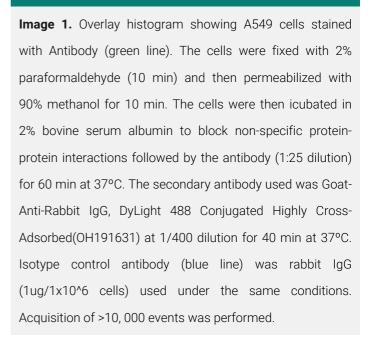
Restrictions: For Research Use only

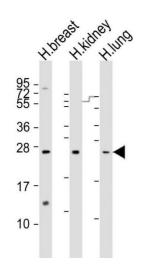
Handling

Format:	Liquid
Concentration:	0.34 mg/mL
Buffer:	Supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to

prolonged high temperatures.

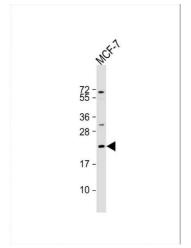






Western Blotting

Image 2. Western Blot at 1:1000-1:2000 dilution Lane 1: human breast lysate Lane 2: human kidney lysate Lane 3: human lung lysate Lysates/proteins at 20 ug per lane.



Western Blotting

Image 3. Western Blot at 1:2000 dilution + MCF-7 whole cell lysate Lysates/proteins at 20 ug per lane.