

Anti-Adrenomedullin (human)

CAT. NO. ABS 027-01

OVERVIEW

Product Name	Anti-Adrenomedullin (human)	Conjugation	Unconjugated
Description	Mouse monoclonal antibody	Host	Mouse
Isotype	IgG1/k	Clone	1
Tested Applications	ELISA, WB		

SPECIFICITY

Specificity	ABS 027-01 binds human adrenomedullin and shows no cross-reaction with CGRP. The epitope of ABS 027-01 lies within residues 22-52.		
Immunogen	Synthetic human adrenomedullin 1-52	Gene ID	133
Target	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.		
Species Reactivity POSITIVE	Human	Species Reactivity NEGATIVE	Not determined

PROPERTIES

Form	Liquid	Unit Size	0,4 mL and 1 mL
Concentration	1 mg/mL \pm 15%, See CoA for lot details		
Purification	Protein A or Protein G purified	Purification Notes	BSA free
Storage buffer	0.01 M phosphate buffer, pH 7.4, with 0.5 M NaCl and 15 mM sodium azide		
Storage condition	2-8°C without exposure to light		
Safety	Wear protective clothing		

TESTED APPLICATIONS

ELISA	The binding of ABS 027-01 to this coat is not inhibited by full-length adrenomedullin in solution up to a concentration of 1 μ mol/L, but is inhibited by adrenomedullin (22-52) in solution.
WB	ABS 027-01 can be used in Western blotting.

SCIENTIFIC REFERENCES

N/A

CONDITIONS

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