



Mouse anti-Human ADM monoclonal antibody, clone IUB02b/H3 (CABT-B9730)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Adrenomedullin.
Immunogen	Recombinant protein corresponding to full length human ADM.
Isotype	IgM
Source/Host	Mouse
Species Reactivity	Human
Clone	IUB02b/H3
Conjugate	Unconjugated
Applications	IHC
Format	Liquid
Buffer	In PBS
Storage	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	The protein encoded by this gene is a preprohormone which is cleaved to form two biologically active peptides, adrenomedullin and proadrenomedullin N-terminal 20 peptide. Adrenomedullin is a 52 aa peptide with several functions, including vasodilation, regulation of hormone secretion, promotion of angiogenesis, and antimicrobial activity. The antimicrobial activity is
---------------------	--

antibacterial, as the peptide has been shown to kill *E. coli* and *S. aureus* at low concentration.
[provided by RefSeq, Aug 2014]

Keywords	ADM; adrenomedullin; AM; PAMP; preproadrenomedullin; proadrenomedullin N-20 terminal peptide;
-----------------	---

GENE INFORMATION

Entrez Gene ID	133
-----------------------	---------------------

UniProt ID	P35318
-------------------	------------------------

Pathway	Calcitonin-like ligand receptors, organism-specific biosystem; Class B/2 (Secretin family receptors), organism-specific biosystem; G alpha (s) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; HIF-1-alpha transcription factor network, organism-specific biosystem; Myometrial Relaxation and Contraction Pathways, organism-specific biosystem;
----------------	--

Function	adrenomedullin receptor binding; hormone activity; protein binding; receptor binding;
-----------------	---
