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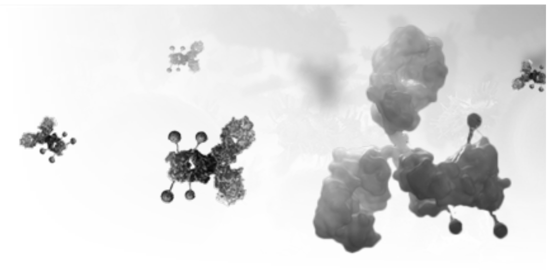

Mouse Anti-Angiotensin I Monoclonal antibody, clone C048N (CABT-RM270)

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

PRODUCT INFORMATION

Specificity	Human Angiotensin I. Does not crossreact with angiotensin II, angiotensin III or angiotensinogen in ELISA.
Target	Angiotensin I
Immunogen	Synthetic peptide corresponding to amino acids 40-49 (Sequence: P-F-H-L-V-I-H-N-E-S(-C)) of the angiotensinogen precursor (Swiss-Prot entry P01019) conjugated to HMW carrier protein
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	C048N
Purification	Protein A Chromatography
Conjugate	unconjugated
Applications	ELISA
Epitope	a.a. 40-49
Format	Liquid
Concentration	1.0 mg/mL
Size	200 µg
Buffer	Phosphate Buffered Saline, pH 7.2

Preservative	0.09% Sodium Azide
Storage	Short term store at 2-8°C. Long term aliquot and store at -20°C. Prepare working dilution only prior to immediate use. Avoid multiple freeze/thaw cycles.

BACKGROUND

Introduction	Angiotensin is a peptide hormone that causes vasoconstriction and an increase in blood pressure. It is part of the renin–angiotensin system, which regulates blood pressure. Angiotensin also stimulates the release of aldosterone from the adrenal cortex to promote sodium retention by the kidneys. Angiotensin I officially called proangiotensin, is formed by the action of renin on angiotensinogen.
Keywords	Angiotensin I; Angiotensin; proangiotensin; AGT

GENE INFORMATION

Entrez Gene ID	183
UniProt ID	P01019

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