

RNASE1 monoclonal antibody (M01), clone 1E5

Catalog # H00006035-M01

Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant RNASE1.
Immunogen	RNASE1 (NP_002924.1, 29 a.a. ~ 128 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	KESRAKKFQRQHMDSDSSPSSSSTYCNQMMRRRNMTQGRCKPVNTFVHEPLVDVQNVCFQEK VTCKNGQGNCYKSNSSMHITDCRLTNGSRYPNCAYRTS
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- ELISA

Gene Info — RNASE1

Entrez GeneID	6035
GeneBank Accession#	NM_002933
Protein Accession#	NP_002924.1
Gene Name	RNASE1

Gene Alias	MGC12408, RIB1, RNS1
Gene Description	ribonuclease, RNase A family, 1 (pancreatic)
Omim ID	180440
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the pancreatic-type of secretory ribonucleases, a subset of the ribonuclease A superfamily. The encoded endonuclease cleaves internal phosphodiester RNA bonds on the 3'-side of pyrimidine bases. It prefers poly(C) as a substrate and hydrolyzes 2',3'-cyclic nucleotides, with a pH optimum near 8.0. The encoded protein is monomeric and more commonly acts to degrade ds-RNA over ss-RNA. Alternative splicing occurs at this locus and four transcript variants encoding the same protein have been identified. [provided by RefSeq]
Other Designations	RNase upI-1 pancreatic ribonuclease

Disease

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