

RNASEL Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant RNASEL.

Catalog # AT3654a

Product Information

Application	E
Primary Accession	Q05823
Other Accession	NM_021133
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 kappa
Clone Names	3B4
Calculated MW	83533

Additional Information

Gene ID	6041
Other Names	2-5A-dependent ribonuclease, 2-5A-dependent RNase, 3126-, Ribonuclease 4, Ribonuclease L, RNase L, RNASEL, RNS4
Target/Specificity	RNASEL (NP_066956, 619 a.a. ~ 728 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	RNASEL Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

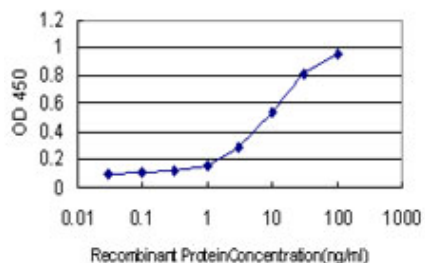
This gene encodes a component of the interferon-regulated 2-5A system that functions in the antiviral and antiproliferative roles of interferons. Mutations in this gene have been associated with predisposition to prostate cancer and this gene is a candidate for the hereditary prostate cancer 1 (HPC1) allele.

References

Dengue hemorrhagic fever is associated with polymorphisms in JAK1. Silva LK, et al. Eur J Hum Genet, 2010 Jun 30. PMID 20588308. Genetic variation in RNASEL associated with prostate cancer risk and progression. Meyer MS, et al. Carcinogenesis, 2010 Sep. PMID 20576793. Contribution of HPC1 (RNASEL) and HPCX

variants to prostate cancer in a founder population. Agalliu I, et al. Prostate, 2010 Jun 16. PMID 20564318. Evaluation of cellular determinants required for in vitro xenotropic murine leukemia virus-related virus entry into human prostate cancer and noncancerous cells. Bhosle S, et al. J Virol, 2010 Jul. PMID 20410264. Large-scale candidate gene analysis of spontaneous clearance of hepatitis C virus. Mosbruger TL, et al. J Infect Dis, 2010 May 1. PMID 20331378.

Images



Detection limit for recombinant GST tagged RNASEL is approximately 0.1 ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.