

RNASEL Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant RNASEL.****Catalog # AT3654a****Specification**

RNASEL Antibody (monoclonal) (M01) - Product Information

Application	E
Primary Accession	Q05823
Other Accession	NM_021133
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 kappa
Calculated MW	83533

RNASEL Antibody (monoclonal) (M01) - 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.

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.

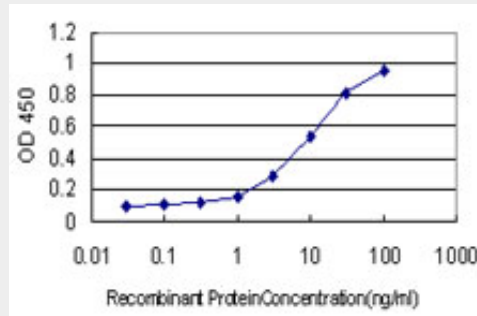
RNASEL Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)

- [Flow Cytometry](#)
- [Cell Culture](#)

RNASEL Antibody (monoclonal) (M01) - Images



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

RNASEL Antibody (monoclonal) (M01) - 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.

RNASEL Antibody (monoclonal) (M01) - 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.