

ELAC1 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant ELAC1.****Catalog # AT1890a****Specification**

ELAC1 Antibody (monoclonal) (M01) - Product Information

Application	WB, E
Primary Accession	Q9H777
Other Accession	NM_018696
Reactivity	Human, Rat
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	40019

ELAC1 Antibody (monoclonal) (M01) - Additional Information**Gene ID** 55520**Other Names**

Zinc phosphodiesterase ELAC protein 1, Deleted in Ma29, ElaC homolog protein 1, Ribonuclease Z 1, RNase Z 1, tRNA 3 endonuclease 1, tRNase Z 1, ELAC1, D29

Target/Specificity

ELAC1 (NP_061166, 282 a.a. ~ 362 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

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

ELAC1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

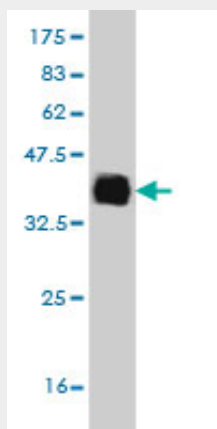
ELAC1 Antibody (monoclonal) (M01) - Protocols

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

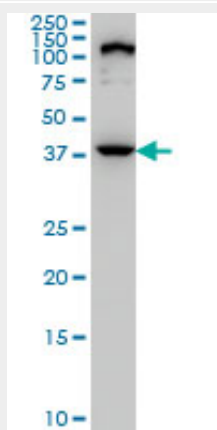
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

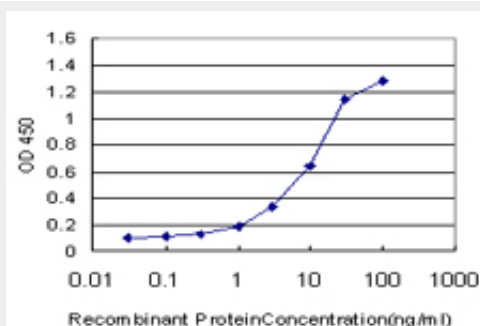
ELAC1 Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (34.65 kDa) .



ELAC1 monoclonal antibody (M01), clone 1G2 Western Blot analysis of ELAC1 expression in PC-12 (Cat # AT1890a)



Detection limit for recombinant GST tagged ELAC1 is approximately 0.3 ng/ml as a capture antibody.

ELAC1 Antibody (monoclonal) (M01) - References

Regulation of the human tRNase ZS gene expression. Takahashi M, et al. FEBS Lett, 2008 Jul 23. PMID 18573253. The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334. Complete sequencing and characterization of 21,243 full-length human cDNAs. Ota T, et al. Nat Genet, 2004 Jan. PMID 14702039. A candidate prostate cancer susceptibility gene encodes tRNA 3' processing endoribonuclease. Takaku H, et al. Nucleic Acids Res, 2003 May 1. PMID 12711671. Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences. Strausberg RL, et al. Proc Natl Acad Sci U S A, 2002 Dec 24. PMID 12477932.