

C1orf33 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant C1orf33.

Catalog # AT1336a

Specification

C1orf33 Antibody (monoclonal) (M01) - Product Information

Application	WB, IF, E
Primary Accession	Q9UKD2
Other Accession	BC003013
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 kappa
Calculated MW	27560

C1orf33 Antibody (monoclonal) (M01) - Additional Information

Gene ID 51154

Other Names

mRNA turnover protein 4 homolog, MRTO4, C1orf33, MRT4

Target/Specificity

C1orf33 (AAH03013, 1 a.a. ~ 239 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

IF~~1:50~200

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

C1orf33 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

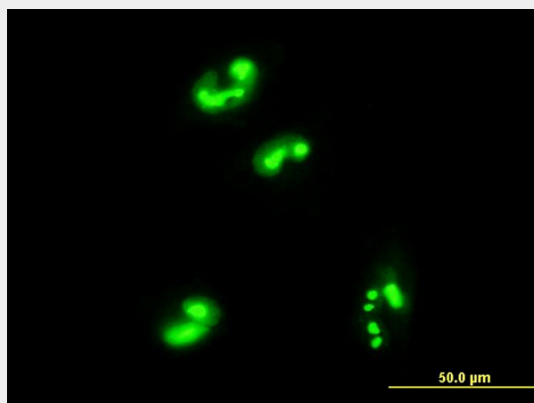
C1orf33 Antibody (monoclonal) (M01) - Protocols

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

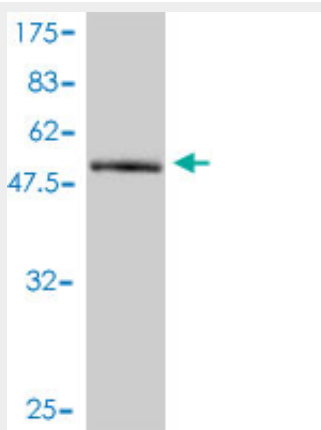
- [Western Blot](#)
- [Blocking Peptides](#)

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

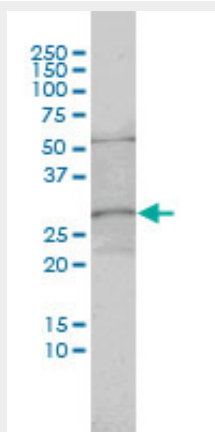
C1orf33 Antibody (monoclonal) (M01) - Images



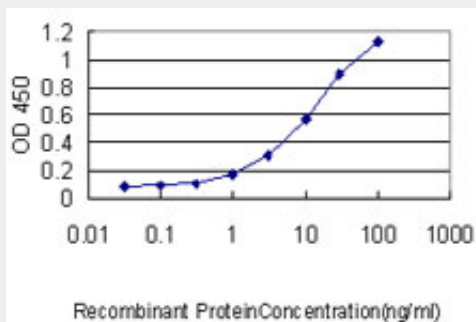
Immunofluorescence of monoclonal antibody to C1orf33 on HepG2 cell. [antibody concentration 10 ug/ml]



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (52.03 KDa) .



C1orf33 monoclonal antibody (M01), clone 1C12 Western Blot analysis of C1orf33 expression in HepG2 (Cat # AT1336a)



Detection limit for recombinant GST tagged C1orf33 is approximately 0.03ng/ml as a capture antibody.

C1orf33 Antibody (monoclonal) (M01) - Background

This gene encodes a protein sharing a low level of sequence similarity with ribosomal protein P0. While the precise function of the encoded protein is currently unknown, it appears to be involved in mRNA turnover and ribosome assembly.

C1orf33 Antibody (monoclonal) (M01) - References

Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614. Subcellular localization of ribosomal P0-like protein MRT4 is determined by its N-terminal domain. Michalec B, et al. Int J Biochem Cell Biol, 2010 May. PMID 20083226. Ribosome stalk assembly requires the dual-specificity phosphatase Yvh1 for the exchange of Mrt4 with P0. Lo KY, et al. J Cell Biol, 2009 Sep 21. PMID 19797078. The DNA sequence and biological annotation of human chromosome 1. Gregory SG, et al. Nature, 2006 May 18. PMID 16710414. 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.