

MRRF Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant MRRF.****Catalog # AT2906a****Specification**

MRRF Antibody (monoclonal) (M01) - Product Information

Application	WB, IHC, E
Primary Accession	O96E11
Other Accession	NM_138777
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	29277

MRRF Antibody (monoclonal) (M01) - Additional Information**Gene ID** 92399**Other Names**

Ribosome-recycling factor, mitochondrial, RRF, Ribosome-releasing factor, mitochondrial, MRRF

Target/Specificity

MRRF (NP_620132, 163 a.a. ~ 262 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

IHC~~1:100~500

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

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

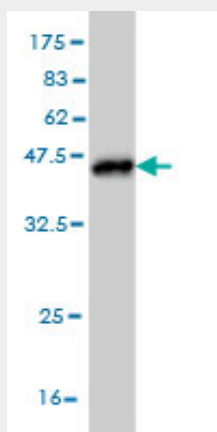
MRRF Antibody (monoclonal) (M01) - Protocols

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

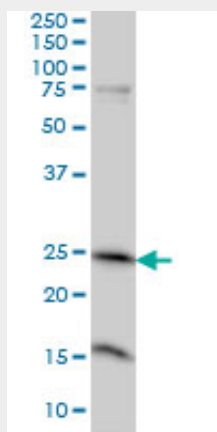
- [Western Blot](#)
- [Blocking Peptides](#)

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

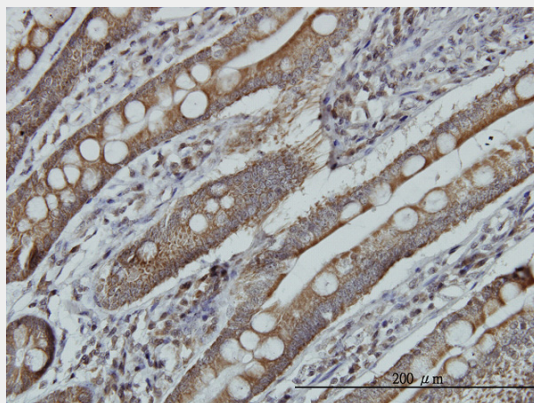
MRRF Antibody (monoclonal) (M01) - Images



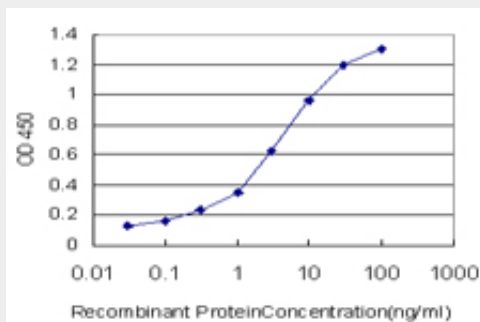
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 kDa) .



MRRF monoclonal antibody (M01), clone 1D3 Western Blot analysis of MRRF expression in A-431 (Cat # AT2906a)



Immunoperoxidase of monoclonal antibody to MRRF on formalin-fixed paraffin-embedded human small Intestine. [antibody concentration 3 ug/ml]



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

MRRF 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. EF-G2mt is an exclusive recycling factor in mammalian mitochondrial protein synthesis. Tsuboi M, et al. Mol Cell, 2009 Aug 28. PMID 19716793. The human mitochondrial ribosome recycling factor is essential for cell viability. Rorbach J, et al. Nucleic Acids Res, 2008 Oct. PMID 18782833. 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. DNA sequence and analysis of human chromosome 9. Humphray SJ, et al. Nature, 2004 May 27. PMID 15164053.