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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	Q96E11
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

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

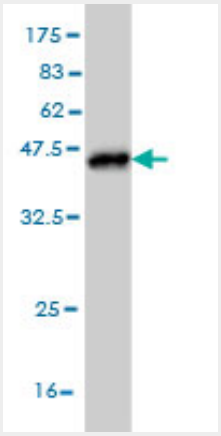
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry

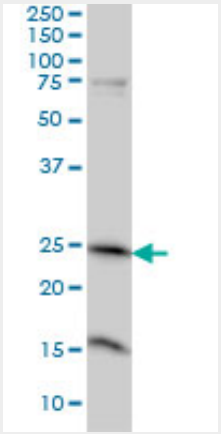
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- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

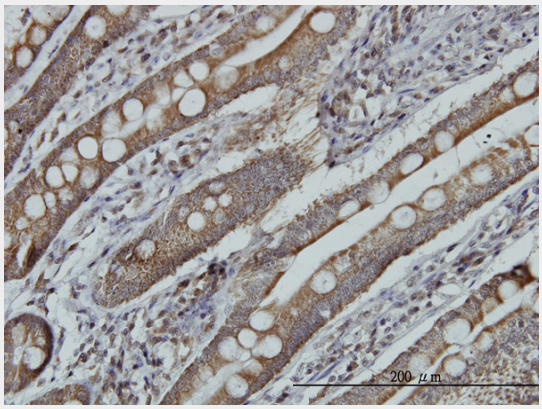
MRRF Antibody (monoclonal) (M01) - Images



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

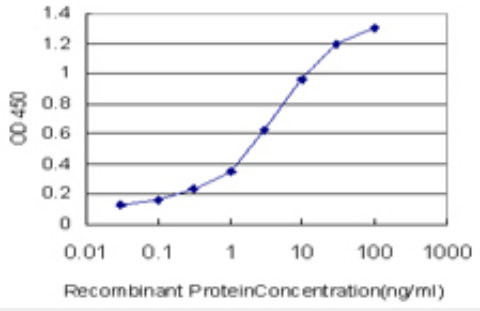


MRRF monoclonal antibody (M01), clone 1D3 Western Blot analysis of MRRF expression in A-431 ((Cat # AT2906a)



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

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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.