

MRRF Antibody

Rabbit mAb

Catalog # AP92706

Product Information

Application	WB, IHC
Primary Accession	Q96E11
Reactivity	Human, Mouse
Clonality	Monoclonal
Other Names	MRRF; MTRRF; Ribosome recycling factor, mitochondrial; RRF;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	29277

Additional Information

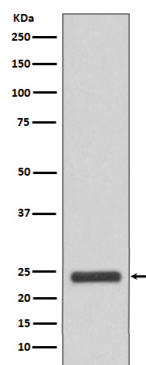
Dilution	WB 1:500~1:2000 IHC 1:50~1:200
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human MRRF
Description	Responsible for the release of ribosomes from messenger RNA at the termination of protein biosynthesis. May increase the efficiency of translation by recycling ribosomes from one round of translation to another.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	MRRF (HGNC:7234)
Function	Responsible for the disassembly of ribosomes from messenger RNA at the termination of mitochondrial protein biosynthesis (PubMed: 19716793 , PubMed: 33878294). Acts in collaboration with GFM2 (PubMed: 33878294). Promotes mitochondrial ribosome recycling by dissolution of intersubunit contacts (PubMed: 33878294).
Cellular Location	Mitochondrion.

Images

Western blot analysis of MRRF expression in HeLa cell lysate.



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