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KD-Validated Anti-MRPS27 Mouse Monoclonal Antibody

Mouse monoclonal antibody
Catalog # AGI2086

Product Information

Application	WB
Primary Accession	Q92552
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG2b
Clone Names	24GB13280
Calculated MW	47611
Gene Name	MRPS27
Aliases	MRPS27; Mitochondrial Ribosomal Protein S27; KIAA0264; MS27; 28S Ribosomal Protein S27, Mitochondrial; Small Ribosomal Subunit Protein MS27; MRP-S27; S27mt ; Mitochondrial Small Ribosomal Subunit Protein MS27; Mitochondrial 28S Ribosomal Protein S27
Immunogen	Recombinant protein of human MRPS27

Additional Information

Gene ID	23107
Other Names	Small ribosomal subunit protein mS27, 28S ribosomal protein S27, mitochondrial, MRP-S27, S27mt, Mitochondrial ribosomal protein S27 {ECO:0000312|HGNC:HGNC:14512}, MRPS27 (HGNC:14512), KIAA0264

Protein Information

Name	MRPS27 (HGNC:14512)
Synonyms	KIAA0264
Function	RNA-binding component of the mitochondrial small ribosomal subunit (mt-SSU) that plays a role in mitochondrial protein synthesis (PubMed:22841715). Stimulates mitochondrial mRNA translation of subunit components of the mitochondrial electron transport chain (PubMed:22841715). Binds to the mitochondrial 12S rRNA (12S mt-rRNA) and tRNA(Glu) (PubMed:22841715). Involved also in positive regulation of cell proliferation and tumor cell growth (PubMed:28714366).
Cellular Location	Cytoplasm. Mitochondrion
Tissue Location	Overexpressed in hepatocellular carcinoma tissues compared with adjacent non-tumoral liver tissues (at protein level) (PubMed:28714366). Ubiquitous (PubMed:22841715)

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