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Immunotag™ MRP-L16 Polyclonal Antibody

Antibody Specification

Catalog No.	ITT2849
Product Description	Immunotag™ MRP-L16 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	MRPL16
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC-p,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
Immunogen	The antiserum was produced against synthesized peptide derived from human MRPL16. AA range:171-220
Specificity	MRP-L16 Polyclonal Antibody detects endogenous levels of MRP-L16 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	MRPL16
Accession No.	Q9NX20 Q99N93
Alternate Names	MRPL16; PNAS-111; 39S ribosomal protein L16; mitochondrial; L16mt; MRP-L16

Antibody Specification

Description	mitochondrial ribosomal protein L16(MRPL16) Homo sapiens Mammalian mitochondrial ribosomal proteins are encoded by nuclear genes and help in protein synthesis within the mitochondrion. Mitochondrial ribosomes (mitoribosomes) consist of a small 28S subunit and a large 39S subunit. They have an estimated 75% protein to rRNA composition compared to prokaryotic ribosomes, where this ratio is reversed. Another difference between mammalian mitoribosomes and prokaryotic ribosomes is that the latter contain a 5S rRNA. Among different species, the proteins comprising the mitoribosome differ greatly in sequence, and sometimes in biochemical properties, which prevents easy recognition by sequence homology. This gene encodes a 39S subunit protein. [provided by RefSeq, Jul 2008],
Protein Expression	Lung,Pheochromocytoma,Promyelocytic leukemia,
Subcellular Localization	mitochondrial inner membrane,mitochondrial large ribosomal subunit,ribosome,
Protein Function	function:Component of the large subunit of mitochondrial ribosome.,similarity:Belongs to the ribosomal protein L16P family.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.