MRPS28 mouse monoclonal antibody (hybridoma)

Catalog # H00028957-M Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant MRPS28.
Immunogen	MRPS28 (NP_054737.1, 1 a.a. ~ 187 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MAALCRTRAVAAESHFLRVFLFFRPFRGVGTESGSESGSSNAKEPKTRAGGFASALERHSELLQKVEPLQKGSPKNVESFASMLRHSPLTQMGPAKDKLVIGRIFHIVENDLYIDFGGKFHCVCRRPEVDGEKYQKGTRVRLRLLDLELTSRFLGATTDTTVLEANAVLLGIQESKDSRSKEEHHEK
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (73)
Quality Control Testing	Antibody reactivity and specificity confirmed by ELISA and Western Blot.
Deliverables	Up to 5 positive hybridoma clones will be delivered to customer in the cryotube format.
Note	Customer should check the viability of the hybridomas within one month from the date of receipt. Fee-for-service of long term hybridoma storage can be performed upon customer's request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- Western Blot (Recombinant protein)

  Protocol Download

- ELISA

Gene Info — MRPS28

Entrez GeneID	28957
GeneBank Accession#	NM_014018.2
Protein Accession#	NP_054737.1
Gene Name	MRPS28
Gene Alias	FLJ22853, HSPC007, MRP-S28, MRP-S35, MRPS35
Gene Description	mitochondrial ribosomal protein S28
Gene Ontology	Hyperlink
Gene Summary	Mammalian mitochondrial ribosomal proteins are encoded by nuclear genes and help in protein s ynthesis within the mitochondrion. Mitochondrial ribosomes (mitoribosomes) consist of a small 28 S subunit and a large 39S subunit. They have an estimated 75% protein to rRNA composition co mpared to prokaryotic ribosomes, where this ratio is reversed. Another difference between mam malian mitoribosomes and prokaryotic ribosomes is that the latter contain a 5S rRNA. Among diff erent species, the proteins comprising the mitoribosome differ greatly in sequence, and sometim es in biochemical properties, which prevents easy recognition by sequence homology. This gene encodes a 28S subunit protein that has been called mitochondrial ribosomal protein S35 in the lit erature. [provided by RefSeq
Other Designations	mitochondrial 28S ribosomal protein S35