ATP5I monoclonal antibody (M01), clone 1E6

Catalog # H00000521-M01 Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant ATP5I.
Immunogen	ATP5I (AAH03679, 1 a.a. ~ 69 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MVPPVQVSPLIKLGRYSALFLGVAYGATRYNYLKPRAEEERRIAAEEKKKQDELKRIARELAEDDSILK
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- ELISA

Gene Info — ATP5I

Entrez GeneID	521
GeneBank Accession#	BC003679
Protein Accession#	AAH03679
Gene Name	ATP5I

Gene Alias	ATP5K, MGC12532
Gene Description	ATP synthase, H+ transporting, mitochondrial F0 complex, subunit E
Omim ID	601519
Gene Ontology	Hyperlink
Gene Summary	Mitochondrial ATP synthase catalyzes ATP synthesis, utilizing an electrochemical gradient of prot ons across the inner membrane during oxidative phosphorylation. It is composed of two linked mu lti-subunit complexes: the soluble catalytic core, F1, and the membrane-spanning component, F0, which comprises the proton channel. The F1 complex consists of 5 different subunits (alpha, beta, gamma, delta, and epsilon) assembled in a ratio of 3 alpha, 3 beta, and a single representative of the other 3. The F0 seems to have nine subunits (a, b, c, d, e, f, g, F6 and 8). This gene encodes t he e subunit of the F0 complex. [provided by RefSeq
Other Designations	ATP synthase e chain, mitochondrial|F1F0-ATP synthase, murine e subunit

Pathway

- Metabolic pathways
- Oxidative phosphorylation