

Mouse ATPB Monoclonal Antibody | anti-ATPB antibody

ATPB Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA62405	Mouse	Human, Cotton, Honeybee, Peach, Hedge bamboo, Azumapecten farreri, Wheat, Rice, Tomato, Zebrafish, Silk moth, Tobacco, Mouse-ear cressn	Flow Cytometry, Functional Assay, Immunofluorescence, Western Blot

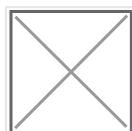
PRODUCT SYNONYMS

ATPB; Monoclonal Antibody; ATPB Mouse mAb; ATP synthase subunit beta; mitochondrial; ATP synthase; H⁺ transporting mitochondrial F1 complex; alpha subunit; beta subunit; ATP5B; ATPMB; ATPSB; epididymis secretory protein Li 271; mitochondrial ATP synthase beta subunit; mitochondrial ATP synthase; H⁺ transporting F1 complex beta subunit; mitochondrial ATP synthetase; HEL-S-271; anti-ATPB antibody

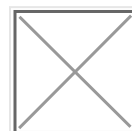
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Cotton, Honeybee, Peach, Hedge bamboo, Azumapecten farreri, Wheat, Rice, Tomato, Zebrafish, Silk moth, Tobacco, Mouse-ear cressn
Clonality	Monoclonal
Isotype	IgG
Sequence Length	529
Applicable Applications for anti-ATPB antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), WB (Western Blot)
Source	This monoclonal antibody is produced by immunizing mice with a polypeptide corresponding to ATPB protein.
Preparation and Storage	Store at -20 degree C.

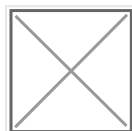
IMAGES



FCM/FACS (Flow Cytometry)



IF (Immunofluorescence)



WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-ATPB antibody

This gene encodes a subunit of mitochondrial ATP synthase. Mitochondrial ATP synthase catalyzes ATP synthesis, utilizing an electrochemical gradient of protons across the inner membrane during oxidative phosphorylation. ATP synthase is composed of two linked multi-subunit complexes: the soluble catalytic core, F₁, and the membrane-spanning component, F_o, comprising the proton channel. The catalytic portion of mitochondrial ATP synthase consists of 5 different subunits (alpha, beta, gamma, delta, and epsilon) assembled with a stoichiometry of 3 alpha, 3 beta, and a single representative of the other 3. The proton channel consists of three main subunits (a, b, c). This gene encodes the beta subunit of the catalytic core.

Product Categories/Family for anti-ATPB antibody

Cell Marker; Internal Controls

NCBI AND UNIPROT INFORMATION

NCBI GI #	32189394
NCBI GeneID	506
NCBI Accession #	NP_001677.2
NCBI GenBank Nucleotide #	NM_001686.3
UniProt Accession #	P06576; Q14283; A8K4X0
Molecular Weight	Predicted MW: 57 kDa
NCBI Official Full Name	ATP synthase subunit beta, mitochondrial
NCBI Official Synonym Full Names	ATP synthase F1 subunit beta
NCBI Official Symbol	ATP5F1B
NCBI Official Synonym Symbols	ATP5B; ATPMB; ATPSB; HEL-S-271
NCBI Protein Information	ATP synthase subunit beta, mitochondrial
UniProt Protein Name	ATP synthase subunit beta, mitochondrial
UniProt Gene Name	ATP5F1B
UniProt Synonym Gene Names	ATP5BImportedManual assertion inferred from database entriesiHGNC:830; ATPMB; ATPSBImportedManual assertion inferred from database entriesiHGNC:830

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/atpb-antibody-flow-cytometry-immunofluorescence-western-blot-elisa/62405>