

Mouse anti-Human ATP synthase subunit gamma Monoclonal Antibody | anti-ATP5C antibody

ATP synthase subunit gamma Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA62434	Mouse	Human	Flow Cytometry, Functional Assay, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

ATP synthase subunit gamma; Monoclonal Antibody; ATP synthase subunit gamma Mouse mAb; anti-ATP5C antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Applicable Applications for anti-ATP5C antibody	FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), WB (Western Blot)
Source Note	This monoclonal antibody is produced by immunizing mice with a sythetic peptide(KLH coupled)corresponding to amino-terminal residues of human ATP5C1.
Preparation and Storage	Store at -20 degree C. Stable for one year from the date of shipment.

IMAGES



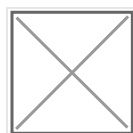
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of 2% paraformaldehyde-fixed 1G2 cells labeling ATP5C1 with M25352 at 1/200 dilution (blue) compared with a mouse monoclonal IgG isotype control (black). Goat anti-mouse IgG (FITC) at 1/300 dilution was used as the secondary antibody.



IP (Immunoprecipitation)

ATP5C1 was immunoprecipitated from 1mg of 1G2 cells membrane fraction, blotted with M25352 of 10 ug. Western blot was performed from the immunoprecipitate using M25352 at 1/1000 dilution. Anti-Mouse-IgG(HRP), specific to the non-reduced form of IgG, was used as secondary antibody at 1/10000 dilution. Lane 1:1G2 cells membrane fraction. Lane2: IP product of 1G2 cells membrane fraction.Predicted band size : 33 KDaObserved band size : 33 KDaBlocking and dilution buffer and concentration:5% milk/TBST.



WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-ATP5C 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, Fo, 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 gamma subunit of the catalytic core. Alternatively spliced transcript variants encoding different isoforms have been identified. This gene also has a pseudogene on chromosome 14.
Product Categories/Family for anti-ATP5C antibody	Lung Cancer; Internal Controls

NCBI AND UNIPROT INFORMATION

Molecular Weight	Predicted MW: 33kDa
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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/atp-synthase-subunit-gamma-antibody-flow-cytometry-immunoprecipitation-western-blot-elisa/62434>