

Product Name: ATPIF1 Mouse Monoclonal Antibody**Catalog #: AMM81910**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	IHC, ICC, ELISA, FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2b
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	IHC 1:200-1:1000, ICC 1:100-1:500, ELISA 1:5000-1:20000, FC 1:200-1:400
Molecular Weight	12.3kDa

Antigen Information

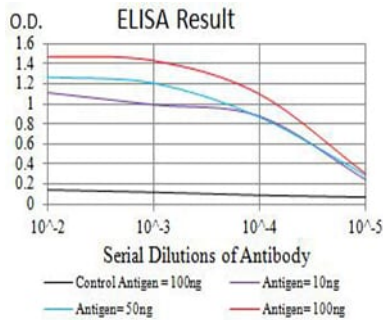
Gene Name	ATPIF1
Alternative Names	IP; ATP1; ATPIP
Gene ID	93974.0
SwissProt ID	Q9UII2
Immunogen	Purified recombinant fragment of human ATPIF1 (AA: 1-106) expressed in E. Coli.

Background

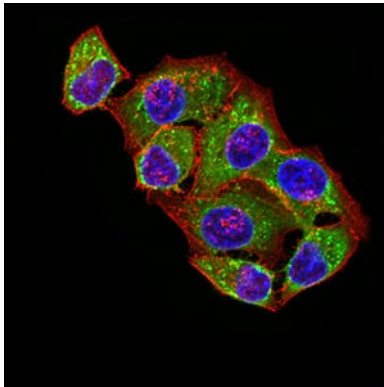
This gene encodes a mitochondrial ATPase inhibitor. Alternative splicing occurs at this locus and three transcript variants encoding distinct isoforms have been identified.

Research Area

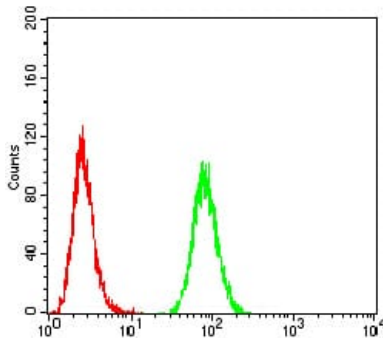
Image Data



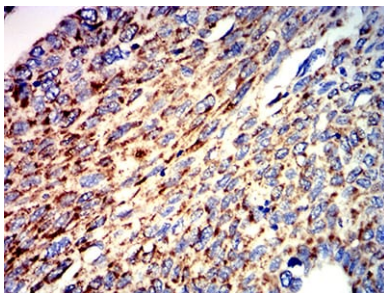
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



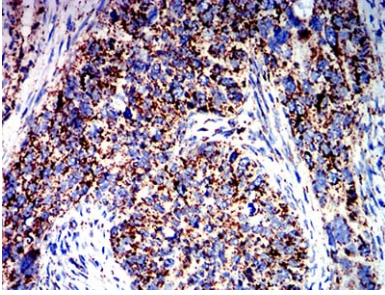
Immunofluorescence analysis of HeLa cells using ATPIF1 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Flow cytometric analysis of HeLa cells using ATPIF1 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissues using ATPIF1 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using ATPIF1 mouse mAb with DAB staining.