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**Product Name: RISP Mouse Monoclonal Antibody****Catalog #: AMM82882**

For research use only.

**Summary**

<b>Description</b>	Mouse monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	WB,ICC,ELISA,FC
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	Mouse IgG2a
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,ICC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
<b>Molecular Weight</b>	30kDa

**Antigen Information**

<b>Gene Name</b>	RISP
<b>Alternative Names</b>	RIP1; RIS1; RISP; UQCR5; MC3DN10
<b>Gene ID</b>	7386.0
<b>SwissProt ID</b>	P47985
<b>Immunogen</b>	Purified recombinant fragment of human RISP (AA: 79-274) expressed in E. Coli.

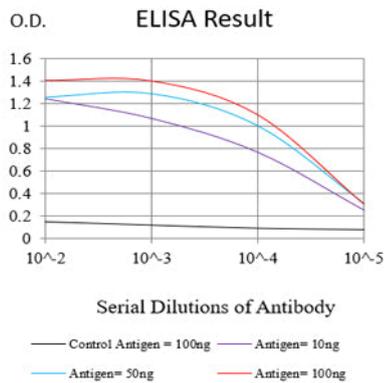
**Background**

UQCRFS1 (Ubiquinol-Cytochrome C Reductase, Rieske Iron-Sulfur Polypeptide 1) is a Protein Coding gene. Diseases associated with UQCRFS1 include Mitochondrial Complex Iii Deficiency, Nuclear Type 10 and Lactic Acidosis. Among its related pathways are Pathways of neurodegeneration - multiple diseases and Cardiac muscle contraction. Gene Ontology (GO) annotations

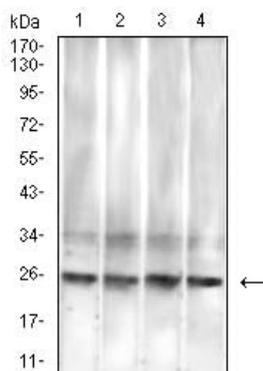
related to this gene include oxidoreductase activity and 2 iron, 2 sulfur cluster binding.

## Research Area

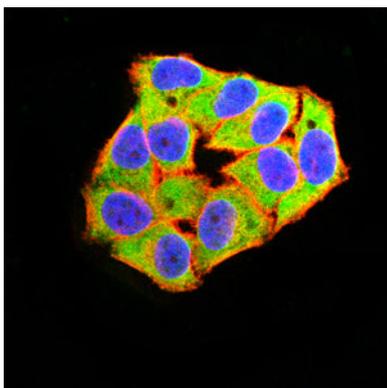
## Image Data



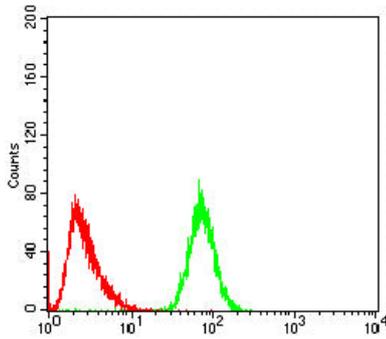
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Western blot analysis using RISP mouse mAb against A549 (1), HeLa (2), Raji (3) and HepG2 (4) cell lysate.



Immunofluorescence analysis of HeLa cells using RISP 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 RISP mouse mAb (green) and negative control (red).