
Product Name: UQCRC1 Mouse Monoclonal Antibody**Catalog #: AMM82696**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ICC,ELISA,FC
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
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	WB 1:500-1:2000,IHC 1:200-1:1000,ICC 1:50-1:200,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	52.6kDa

Antigen Information

Gene Name	UQCRC1
Alternative Names	QCR1; UQCR1; D3S3191
Gene ID	7384.0
SwissProt ID	P31930
Immunogen	Purified recombinant fragment of human UQCRC1 (AA: 60-227) expressed in E. Coli.

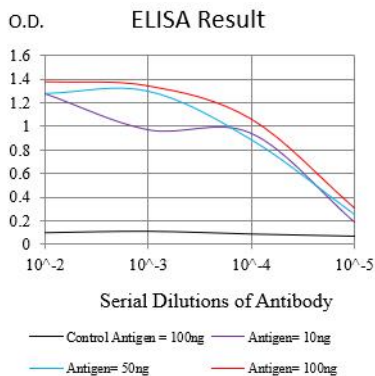
Background

UQCRC1 (Ubiquinol-Cytochrome C Reductase Core Protein 1) is a Protein Coding gene. Diseases associated with UQCRC1 include Leukodystrophy, Hypomyelinating, 4 and Alzheimer Disease. Among its related pathways are Respiratory electron transport, ATP synthesis by chemiosmotic coupling, and heat production by uncoupling proteins. and Cardiac muscle

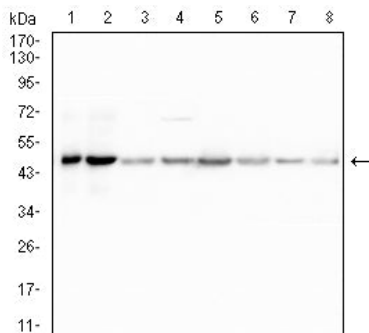
contraction. Gene Ontology (GO) annotations related to this gene include ubiquitin protein ligase binding and ubiquinol-cytochrome-c reductase activity. An important paralog of this gene is PMPCB.

Research Area

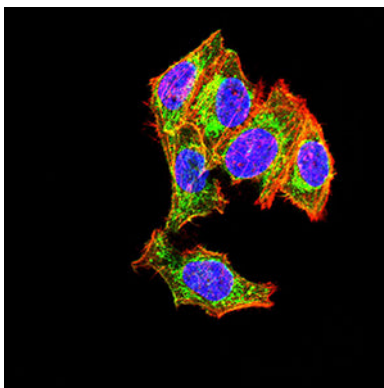
Image Data



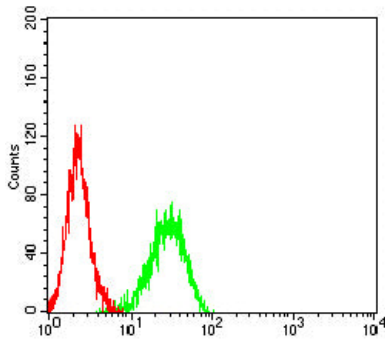
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



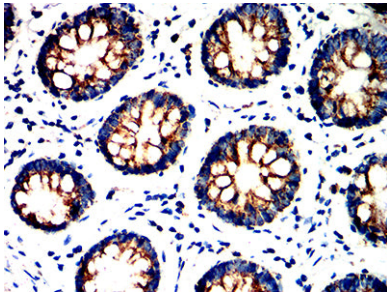
Western blot analysis using UQCRC1 mouse mAb against HeLa (1), A431 (2), HepG2 (3), Hek293 (4), PC-3 (5), SH-SY5Y (6), mouse brain (7), and rat brain (8) cell lysate.



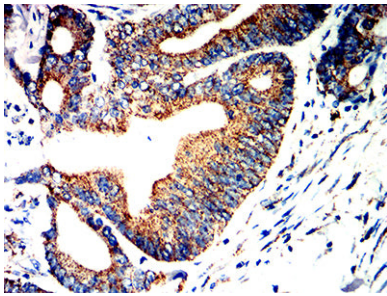
Immunofluorescence analysis of HeLa cells using UQCRC1 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



Flow cytometric analysis of Jurkat cells using UQCRC1 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human colon tissues using UQCRC1 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissues using UQCRC1 mouse mAb with DAB staining.