

## UQCRC1 monoclonal antibody

Catalog: MB23168

Host: Mouse

Reactivity: Human, Mouse, Rat

### 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.

### Product:

Purified antibody in PBS with 0.05% sodium azide

### Molecular Weight:

52.6kDa

### Swiss-Prot:

P31930

### Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB:1/500 - 1/2000 IHC:1/200 - 1/1000 IF:1/50 - 1/200  
FC:1/200 - 1/400

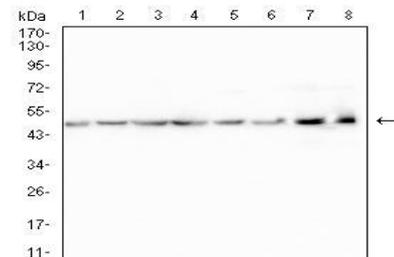
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

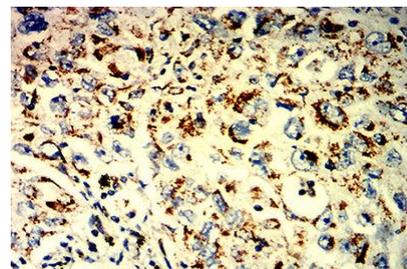
### Isotype:

Mouse IgG1

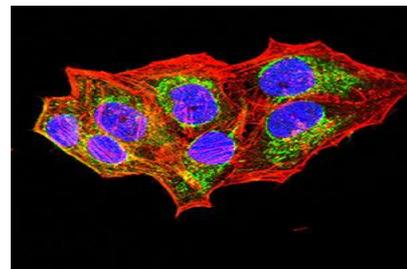
### DATA:



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.



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



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. Secondary antibody from Fisher (Cat#: 35503)

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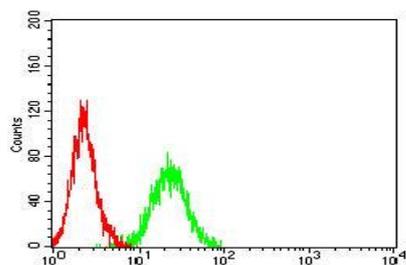
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Flow cytometric analysis of Jurkat cells using UQCRC1 mouse mAb (green) and negative control (red).

**Note:**

For research use only, not for use in diagnostic procedure.

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