

## UQCRC2 (AB1748) Rabbit mAb

M3099

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat,

#### Applications

- WB, IHC, IF, IP, ELISA

#### MW

- 48 kDa (calculated)
- 48 kDa (observed)

#### Isotype

- IgG

### Recommended Dilution Ratios

#### Application

WB, IHC, IF, IP, ELISA

#### Dilution

WB, 1:1000-1:5000 | IHC, 1:200-1:1000 | IF, 1:200-1:1000 | IP, 0.5 µg-4 µg antibody for 200 µg-400 µg extracts of whole cells. | ELISA, Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements

### Storage

#### Storage Conditions

Store at -20°C. Avoid freeze / thaw cycles.

#### Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

### Basic Information

**Clonality** Monoclonal

**Clone Number** AB1748

**Immunogen** Recombinant protein (or fragment). This information is considered to be commercially sensitive.

**Specificity** This antibody detects endogenous levels of UQCRC2 protein.

**Purification** Affinity purification Protein A

**Concentration** Product concentration may vary by batch. Please refer to the product COA for details.

### Target Information

**Gene name** UQCRC2

**Protein Name** UQCRC2

Database Link	Organism	Swiss Prot.	Gene ID
	Human	P22695	7385

**Background** The protein encoded by this gene is located in the mitochondrion, where it is part of the ubiquinol-cytochrome c reductase complex (also known as complex III) . This complex constitutes a part of the mitochondrial respiratory chain. Defects in this gene are a cause of mitochondrial complex III deficiency nuclear type 5. [provided by RefSeq, Jul 2015]