

A11913

Leader in Biomolecular Solutions for Life Science



MTCO2 Rabbit mAb

Catalog No.: A11913

Recombinant

1 Publications

Basic Information

Observed MW

20kDa

Calculated MW

26kDa

Category

SMab Recombinant Monoclonal
Antibody

Applications

WB,IHC-P,IF/ICC,IP,FC,ELISA

Cross-Reactivity

Human

Background

Contributes to cytochrome-c oxidase activity. Predicted to be involved in mitochondrial electron transport, cytochrome c to oxygen and positive regulation of vasoconstriction. Located in mitochondrial inner membrane. Part of respiratory chain complex IV. Biomarker of Huntington's disease and stomach cancer.

Recommended Dilutions

WB 1:500 - 1:2000

IHC-P 1:50 - 1:100

IF/ICC 1:50 - 1:100

IP 1:20 - 1:50

FC 1:20 - 1:50

ELISA Recommended starting
concentration is 1 µg/mL.
Please optimize the
concentration based on
your specific assay
requirements.

Immunogen Information

Gene ID

4513

Swiss Prot

P00403

Immunogen

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

Synonyms

COII; MTCO2; COX2

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

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

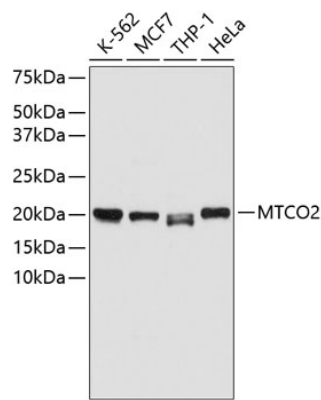
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Contact



www.abclonal.com

Validation Data



Western blot analysis of various lysates using MTCO2 Rabbit mAb (A11913).
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.