

## Product Datasheet

# MTCO2 Antibody

Catalog No: CY5717

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF IP FC



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### Information

**UniProt ID:** P00403

**All Names:** MT-CO2; COX2; CO2; Cytochrome c oxidase II; MTCO2; COII; COXII;

**Form:** Liquid

**Storage instructions:** Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

**Storage buffer:** pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Purity:** Affinity-chromatography

**Immunogen:** A synthesized peptide

**Molecular Wt.:** 21 kDa

### Application

WB: 1:500~1:2000

IHC: 1:50~1:200

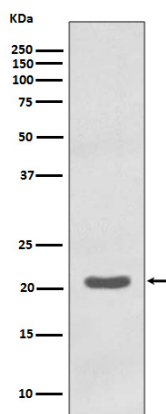
ICC/IF: 1:50~1:200

IP: 1:20

FC: 1:50

### Background

Cytochrome c oxidase is the component of the respiratory chain that catalyzes the reduction of oxygen to water. Subunits 1-3 form the functional core of the enzyme complex. Subunit 2 transfers the electrons from cytochrome c via its binuclear copper A center to the bimetallic center of the catalytic subunit 1.



Western blot analysis of MTCO2 expression in K562 cell lysate.

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