

Anti-MT-CO2 antibody

Cat. No.	ml160007
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-MT-CO2 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Synthetic peptide of human MT-CO2
Reactivity	Human
Content	1.1 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	MT-CO2
Full name	mitochondrially encoded cytochrome c oxidase II
Synonyms	COII; MTCO2; COX2
Swissprot	P00403

Target 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.

订购热线: 4008-898-798

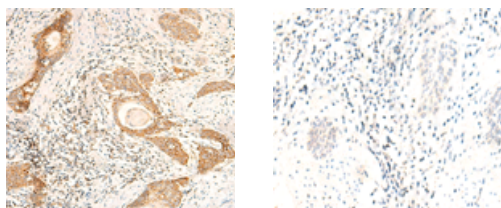
Applications

Immunohistochemistry

Predicted cell location: Cell membrane

Positive control: Human esophagus cancer

Recommended dilution: 50-300



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using ml160007(MT-CO2 Antibody) at dilution 1/60, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 26 kDa

Positive control: 293T, 231, HUVEC, Hela and A549 cell lysates

Recommended dilution: 500-2000

Gel: 12% SDS-PAGE

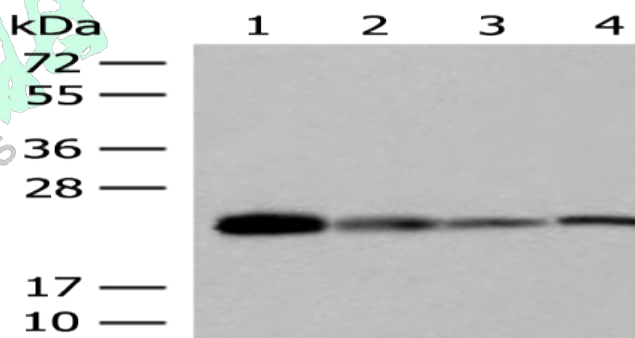
Lysate: 40 μ g

Lane 1-5: 293T, 231, HUVEC, Hela and A549 cell lysates

Primary antibody: ml160007(MT-CO2 Antibody) at dilution 1/400

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 3 seconds



ELISA

Recommended dilution: 5000-10000

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