

Summary

Production Name	MTCO2 Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IP,IHC,ICC
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in TBS with 0.05% sodium azide, 0.05% protective protein and 50% glycerol.
Purification	Affinity Purification

Immunogen

Gene Name	MTCO2
Alternative Names	MT-CO2; COX2; CO2; Cytochrome c oxidase II; MTCO2; COII; COXII
Gene ID	4513.0
SwissProt ID	P00403.A synthetic peptide of human MTCO2

Application

Dilution Ratio	WB:1:500-1:1000,IP:1:10-1:20,IHC:1:50-1:100,ICC:1:50-1:200
Molecular Weight	Calculated MW: 26 kDa; Observed MW: 21 kDa

Background

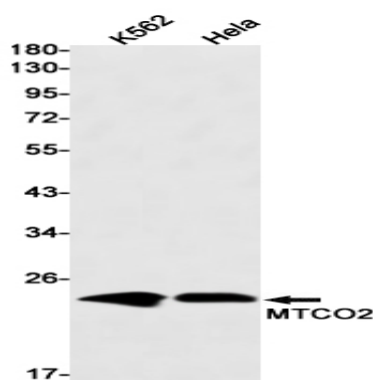
Product Name: MTCO2 Rabbit Monoclonal Antibody
Catalog #: AMRe85806



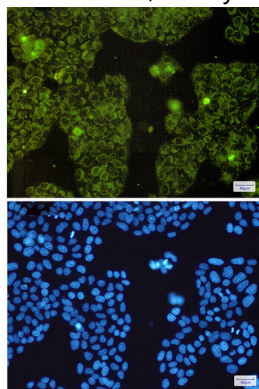
Cytochrome c oxidase is the component of the respiratory chain that catalyzes the reduction of oxygen to water. Subunits 1-3 form the functional core of the enzyme complex. Subunit 2 transfers the electrons from cytochrome c via its binuclear copper A center to the bimetallic center of the catalytic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

Research Area

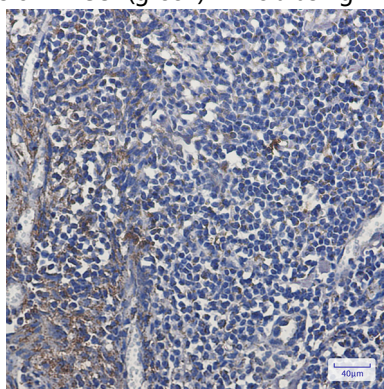
Image Data



Western blot analysis of MTCO2 in K562, HeLa lysates using MTCO2 antibody.



Immunocytochemistry analysis of MTCO2(green) in HeLa using MTCO2 antibody, and DAPI(blue)



Immunohistochemistry analysis of paraffin-embedded Human tonsil using MTCO2 antibody. High-pressure and temperature

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Sodium Citrate pH 6.0 was used for antigen retrieval.

Note

For research use only.