

Anti-MTCO2 Antibody (8W658)

Product Details

Ig Type:	IgG2a, Kappa
Reactivity:	Human
Molecular Weight:	Theoretical: 25 kDa.
Clone:	8W658
Purification:	Protein G purified

Applications

Verified Activity:	1. Tissue: Human colon cancer
	Section type: Formalin fixed & Paraffin-embedded section
	Retrieval method: High temperature and high pressure
	Retrieval buffer: Tris/EDTA buffer, pH 9.0 Primary ab dilution: 1: 200
	Primary ab incubation condition: 1 hour at room temperature
	Secondary ab: SP Kit (Mouse)
	Counter stain: Hematoxylin (Blue)
	Comment: Color brown is the positive signal for TMAB-09060
	2. Tissue: Human colon
	Section type: Formalin fixed & Paraffin-embedded section
	Retrieval method: High temperature and high pressure
	Retrieval buffer: Tris/EDTA buffer, pH 9.0 Primary ab dilution: 1: 200
	Primary ab incubation condition: 1 hour at room temperature
	Secondary ab: SP Kit (Mouse)
	Counter stain: Hematoxylin (Blue)
	Comment: Color brown is the positive signal for TMAB-09060
3. Tissue: Human kidney	
Section type: Formalin fixed & Paraffin-embedded section	
Retrieval method: High temperature and high pressure	
Retrieval buffer: Tris/EDTA buffer, pH 9.0 Primary ab dilution: 1: 200	
Primary ab incubation condition: 1 hour at room temperature	
Secondary ab: SP Kit (Mouse)	
Counter stain: Hematoxylin (Blue)	
Comment: Color brown is the positive signal for TMAB-09060	
4. Blocking buffer: 5% NFDM/TBST	
Primary ab dilution: 1:1000	
Primary ab incubation condition: 4°C overnight	
Secondary ab: Goat Anti-Mouse IgG H&L (HRP)	
Lysate: HepG2, HeLa	
Protein loading quantity: 20 µg	
Exposure time: 180 s	
Predicted MW: 20 kDa	
Observed MW: 20 kDa	

A DRUG SCREENING EXPERT

Application: WB,IHC-P,IHC-Fr,IF

Recommended WB: 1:500-1000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Gene ID: 4513

Research 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. [provided by Alliance of Genome Resources, Apr 2022]

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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