

Recombinant

DGRmAb®

MTCO2 (DGR13201) Rabbit mAb

db11917

Package : 10µL 20µL 50µL 100µL

Product Name : MTCO2 (DGR13201) Rabbit mAb**Cat.No.:** db11917**Synonyms :** COII; MTCO2; COX2**Application :** WB, IHC-P, ICC/IF, FC, IP**Reactivity :** Human**Host species :** Rabbit**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.

Immunogen

A synthetic peptide of human MTCO2

Gene ID

4513

Swiss Prot

P00403

Synonyms

COII; MTCO2; COX2

Reactivity

Human

Application

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

Recommended dilution

WB: 1:1000-1:5000

IHC-P: 1:100-1:200

ICC/IF: 1:50-1:100

FC: 1:50-1:100

IP: 1:50

Calculated MW

26 kDa

Observed MW

21 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR13201

Isotype

IgG

Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt. Western blot detection of MTCO2 in K562,Hela cell lysates using MTCO2 antibody(1:1000 diluted). Immunohistochemical analysis of paraffin-embedded human tonsil using db11917 antibody. Immunofluorescent analysis of HeLa cells using db11917 antibody (green), and DAPI (blue).