

MT-CO2 Conjugated Antibody

Catalog No: #C36717

Package Size: #C36717-AF350 100ul #C36717-AF405 100ul #C36717-AF488 100ul #C36717-AF555 100ul #C36717-AF594 100ul #C36717-AF647 100ul #C36717-AF680 100ul #C36717-AF750 100ul #C36717-Biotin 100ul #C36717-Conjugated 50ul

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Description

Product Name	MT-CO2 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB,IHC,ELISA,IF
Species Reactivity	Human
Specificity	The antibody detects endogenous levels of total MT-CO2 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human mitochondrially encoded cytochrome c oxidase II
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	COII, COXII, MTCO2
Accession No.	Swiss-Prot#:P00403 NCBI Gene ID:4513NCBI mRNA#:NCBI Protein#:YP_003024029
Calculated MW	26
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

WB: 1:50-1:200

IF:1:50-1:200

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.