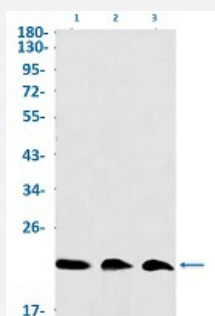


RecomAb™

MT-CO2 recombinant monoclonal antibody, clone R05-7E7

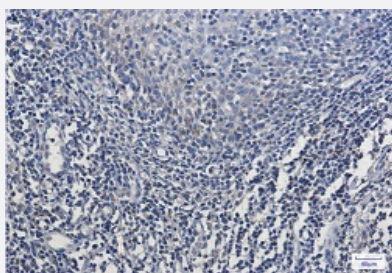
Catalog # RAB02092 Size 100 uL

Applications



Western Blot

Western Blot analysis of Lane 1: K562, Lane 2: C6 and Lane 3: HeLa lysates with MT-CO2 recombinant monoclonal antibody, clone R05-7E7 (Cat # RAB02092).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of Human tonsil with MT-CO2 recombinant monoclonal antibody, clone R05-7E7 (Cat # RAB02092). High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human MT-CO2.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human MT-CO2.
Theoretical MW (kDa)	Calculated MW: 26 kD
Reactivity	Human, Rat
Form	Liquid

Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:100) Immunoprecipitation(1:20) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at -20 °C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western Blot analysis of Lane 1: K562, Lane 2: C6 and Lane 3: Hela lysates with MT-CO2 recombinant monoclonal antibody, clone R05-7E7 (Cat # RAB02092).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of Human tonsil with MT-CO2 recombinant monoclonal antibody, clone R05-7E7 (Cat # RAB02092). High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

- Immunoprecipitation

Gene Info — COX2

Entrez GeneID	4513
Protein Accession#	P00403
Gene Name	COX2
Gene Alias	MTCO2
Gene Description	cytochrome c oxidase II
Gene Ontology	Hyperlink
Other Designations	cytochrome c oxidase subunit II

Pathway

- [Cardiac muscle contraction](#)
- [Metabolic pathways](#)
- [Oxidative phosphorylation](#)

Disease

- [Alzheimer disease](#)
- [Asthma](#)
- [Ataxia](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Colorectal Neoplasms](#)
- [Diabetes Mellitus](#)
- [Disease](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis](#)
- [Huntington disease](#)
- [Multiple Sclerosis](#)
- [Myelodysplastic Syndromes](#)
- [Obesity](#)
- [Ovarian cancer](#)
- [Parkinson disease](#)
- [Spinocerebellar ataxia](#)
- [Spinocerebellar Ataxias](#)