



Anti-COX5A monoclonal antibody, clone 7F0C23E6 (DCABH-266)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to COX5A
Antigen Description	This is the heme A-containing chain of cytochrome c oxidase, the terminal oxidase in mitochondrial electron transport.
Immunogen	Cow COX5A
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Mouse, Rat, Cow, Human, Zebrafish
Clone	7F0C23E6
Purification	This antibody was produced in vitro using hybridomas grown in serum-free medium, and then purified by biochemical fractionation.
Conjugate	Unconjugated
Applications	IHC-P, WB, ICC/IF, Flow Cyt
Positive Control	Isolated mitochondria from Human heart, Bovine heart, Rat heart, Mouse heart, and HepG2, Human embryonic lung-derived fibroblasts (strain MRC5), HeLa cells
Format	Liquid
Size	100 µg
Buffer	Preservative: 0.02% Sodium azide; Constituent: HBS

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Storage	Store at +4°C. Do not freeze.
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GENE INFORMATION

Gene Name	COX5A cytochrome c oxidase subunit Va [Bos taurus]
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Official Symbol	COX5A
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Synonyms	COX5A; cytochrome c oxidase subunit Va; cytochrome c oxidase subunit 5A, mitochondrial; cytochrome c oxidase polypeptide Va; mitochondrial cytochrome c oxidase subunit 5a; MGC133649;
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Entrez Gene ID	444878
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Protein Refseq	NP_001002891
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UniProt ID	P00426
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Pathway	Alzheimers disease, organism-specific biosystem; Alzheimers disease, conserved biosystem; Cardiac muscle contraction, organism-specific biosystem; Cardiac muscle contraction, conserved biosystem; Cytochrome c oxidase, organism-specific biosystem; Cytochrome c oxidase, conserved biosystem; Electron Transport Chain, organism-specific biosystem;
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Function	cytochrome-c oxidase activity; metal ion binding;
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