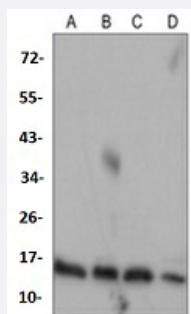


RecomAb™

CYCS recombinant monoclonal antibody

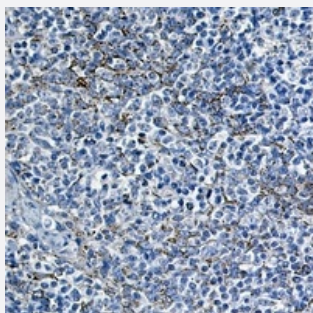
Catalog # RAB02443 Size 100 uL

Applications



Western Blot

Western blot analysis of mouse brain (A), Jurkat (B), rat brain (C), C6 (D) whole cell lysates with Cytochrome c recombinant monoclonal antibody (Cat # RAB02443).



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

Immunohistochemical analysis of human tonsil formalin fixed paraffin embedded tissue section using Cytochrome c recombinant monoclonal antibody (Cat # RAB02443). The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.114). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human CYCS.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide of human Cytochrome C.
Theoretical MW (kDa)	14
Reactivity	Human, Mouse, Rat

Specificity	Recognizes endogenous levels of Cytochrome c protein.
Form	Liquid
Purification	Immunogen affinity chromatography
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:100) Immunoprecipitation(1:10-1:50) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50mM Tris-Glycine, pH 7.4 (0.15M NaCl, 50% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
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 mouse brain (A), Jurkat (B), rat brain (C), C6 (D) whole cell lysates with Cytochrome c recombinant monoclonal antibody (Cat # RAB02443).

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- Immunoprecipitation

Gene Info — CYCS

Entrez GeneID	54205
Protein Accession#	P99999
Gene Name	CYCS

Gene Alias	CYC, HCS
Gene Description	cytochrome c, somatic
Omim ID	123970
Gene Ontology	Hyperlink
Gene Summary	<p>This gene encodes cytochrome c, a component of the electron transport chain in mitochondria. The heme group of cytochrome c accepts electrons from the b-c1 complex and transfers electrons to the cytochrome oxidase complex. Cytochrome c is also involved in initiation of apoptosis. Upon release of cytochrome c to the cytoplasm, the protein binds apoptotic protease activating factor which activates the apoptotic initiator procaspase 9. Many cytochrome c pseudogenes exist, scattered throughout the human genome. [provided by RefSeq]</p>
Other Designations	cytochrome c

Pathway

- [Amyotrophic lateral sclerosis \(ALS\)](#)
- [Apoptosis](#)
- [Colorectal cancer](#)
- [p53 signaling pathway](#)
- [Pathways in cancer](#)
- [Small cell lung cancer](#)

Disease

- [Thrombocytopenia](#)