



CYCS Monoclonal Antibody

Cat #: ABM0056

Size: 100µl

Product Information

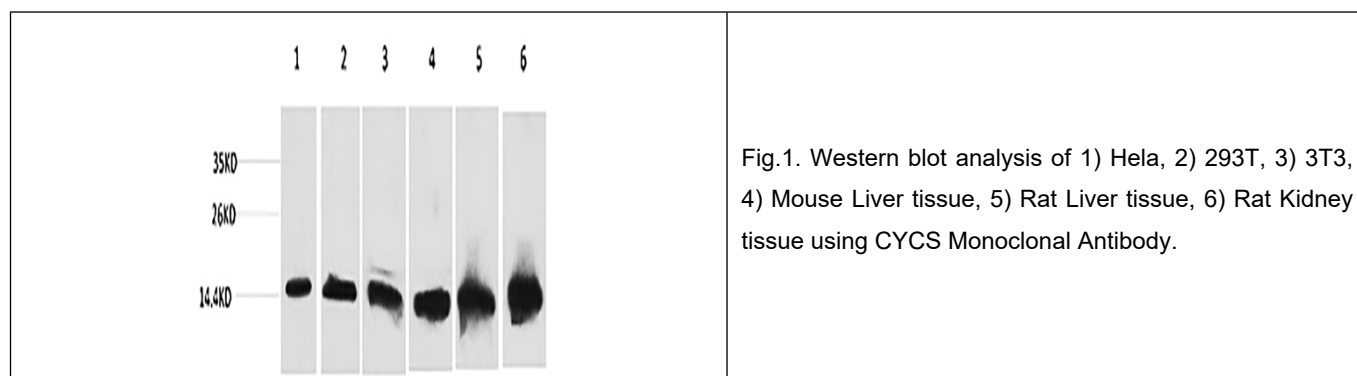
	Product Name: CYCS Monoclonal Antibody		
	Applications: WB, IF, IHC-P		Isotype: Mouse IgG1
	Reactivity: Human, Mouse, Rat, Chicken		
REF	Catalog Number: ABM0056	LOT	Lot Number: Refer to product label
	Formulation: Liquid		Concentration: 1 mg/ml
	Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.		Note: Contain sodium azide.

Background: CYCS (cytochrome c, somatic) encodes a small heme protein that functions as a central component of the electron transport chain in mitochondria. The encoded protein associates with the inner membrane of the mitochondrion where it accepts electrons from cytochrome b and transfers them to the cytochrome oxidase complex. This protein is also involved in initiation of apoptosis. Mutations in CYCS are associated with autosomal dominant nonsyndromic thrombocytopenia. Numerous processed pseudogenes of CYCS are found throughout the human genome.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:1000-1:5000), IF (1:100-1:200), IHC-P (1:500-1:1000).

Storage Buffer: PBS, pH 7.4, containing 0.02% Sodium Azide as preservative and 50% Glycerol.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.



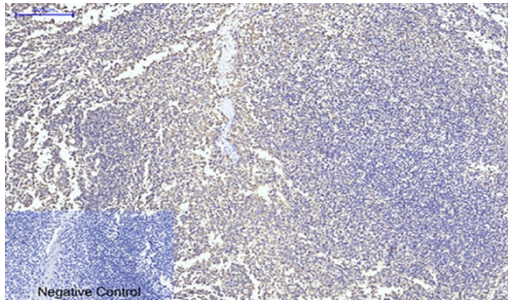


Fig.2. Immunohistochemical analysis of paraffin-embedded human tonsil tissue. 1, CYCS Monoclonal Antibody was diluted at 1:200 (4°C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98°C, 20min). 3, secondary antibody was diluted at 1:200 (room temperature, 30min). Negative control was used by secondary antibody only.

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