Product Name: **CYCS Mouse Monoclonal Antibody**
Catalog #: **AMM82322**
For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ELISA,FC
Reactivity	Human,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	11.7kDa

Antigen Information

Gene Name	CYCS
Alternative Names	CYC; HCS; THC4
Gene ID	54205.0
SwissProt ID	P99999
Immunogen	Purified recombinant fragment of human CYCS (AA: 1-105) expressed in E. Coli.

Background

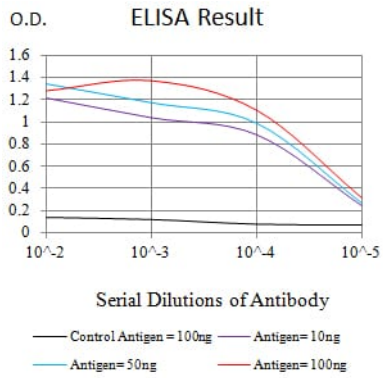
This gene encodes a small heme protein that functions as a central component of the electron transport chain in mitochondria. The encoded protein associates with the inner membrane of the mitochondrion where it accepts electrons from cytochrome b and transfers them to the cytochrome oxidase complex. This protein is also involved in initiation of apoptosis. Mutations in this

gene are associated with autosomal dominant nonsyndromic thrombocytopenia. Numerous processed pseudogenes of this gene are found throughout the human genome.

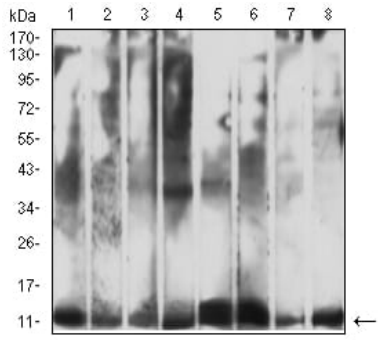
Research Area

Apoptosis,mTOR signaling pathway

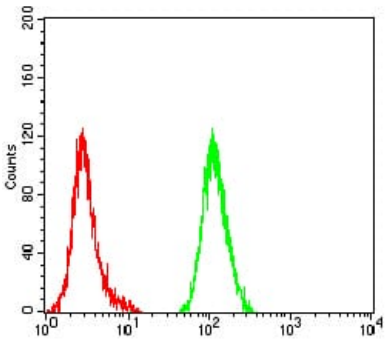
Image Data



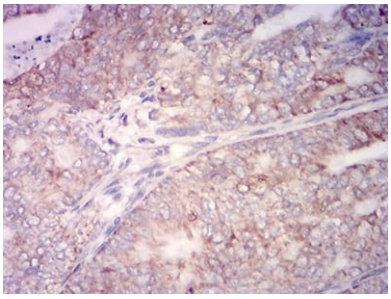
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



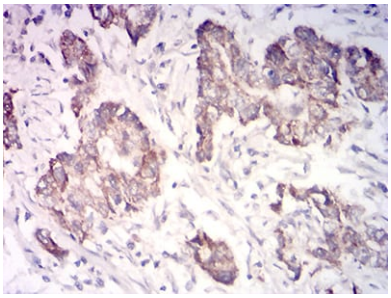
Western blot analysis using CYCS mouse mAb against Hela (1), Jurkat (2), RAW264.7 (3), NIH/3T3 (4), HL-60 (5), K562 (6), HepG2 (7), and MCF-7 (8) cell lysate.



Flow cytometric analysis of Hela cells using CYCS mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using CYCS mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissues using CYCS mouse mAb with DAB staining.