

Mouse anti-Human CYC1 Monoclonal Antibody | anti-CYC1 antibody

Mouse anti-Homo sapiens (Human) CYC1 Monoclonal antibody

CATALOG # AAA279034	HOST Mouse	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay, Western Blot, ELISA
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PRODUCT SYNONYMS

CYC1; Monoclonal Antibody; Mouse anti-Homo sapiens (Human) CYC1 Monoclonal antibody; CYC1 Monoclonal Antibody; Cytochrome c1; heme protein; mitochondrial (EC:7.1.1.8); Complex III subunit 4; Complex III subunit IV; Cytochrome b-c1 complex subunit 4; Ubiquinol-cytochrome-c reductase complex cytochrome c1 subunit; Cytochrome c-1; anti-CYC1 antibody

PRODUCT SPECIFICATIONS

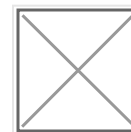
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	27E12D11
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid; 0.03% Proclin 300, 50% glycerol, 0.01M PBS, pH 7.4.
Applicable Applications for anti-CYC1 antibody	FCM/FACS (Flow Cytometry), WB (Western Blot), ELISA
Immunogen Species	Human
Immunogen	Recombinant Human Cytochrome c1 protein (85-325AA)
Conjugation	Non-conjugated
Research Area	Tags & Cell Markers
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



FCM/FACS (Flow Cytometry)

Overlay Peak curve showing HepG2 cells stained with AAA279034 (red line) at 1:100. The cells were incubated in 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1*106cells) for 1h at 4°C. The secondary antibody used was FITC-conjugated Goat Anti-Mouse IgG(H+L) at 1/100 dilution for 30min at 4°C. Isotype control antibody (green line) was mouse IgG1 (1ug/1*106cells) used under the same conditions. Acquisition of >10,000 events was performed.



WB (Western Blot)

Western BlotPositive WB detected in: CYC1 antibody at 1:1000Lane 1: HeLa whole cell lysateLane 2: HepG2 whole cell lysateLane 3: MCF-7 whole cell lysateLane 4: K562 whole cell lysateLane 5: U251 whole cell lysateLane 6: A549 whole cell lysateLane 7: NIH/3T3 whole cell lysateLane 8: PC-3 whole cell lysateSecondaryGoat polyclonal to Mouse IgG at 1/20000 dilutionPredicted band size: 35 KDaObserved band size: 35 KDaExposure time: 5min

NCBI AND UNIPROT INFORMATION

NCBI GI #	21359867
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NCBI GeneID	1537
NCBI Accession #	NP_001907.2
NCBI GenBank Nucleotide #	NM_001916.3
UniProt Accession #	P08574; Q5U062; Q6FHS7
Molecular Weight	35,422 Da
NCBI Official Full Name	cytochrome c1, heme protein, mitochondrial
NCBI Official Synonym Full Names	cytochrome c-1
NCBI Official Symbol	CYC1
NCBI Official Synonym Symbols	UQCR4
NCBI Protein Information	cytochrome c1, heme protein, mitochondrial; complex III subunit 4; complex III subunit IV; cytochrome b-c1 complex subunit 4; ubiquinol-cytochrome-c reductase complex cytochrome c1 subunit
UniProt Protein Name	Cytochrome c1, heme protein, mitochondrial
UniProt Gene Name	CYC1
UniProt Synonym Gene Names	Cytochrome c-1
UniProt Entry Name	CY1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cyc1-antibody-clone-27e12d11-flow-cytometry-western-blot-elisa/279034>