

ATP citrate Lyase (3D9) Mouse mAb**db6060****Package : 50µL 100µL****Product Name :** ATP citrate Lyase (3D9) Mouse mAb**Cat.No.:** db6060**Synonyms :** ACLY; ATP-citrate synthase; ATP-citrate; pro-S-)lyase; ACL; Citrate cleavage enzyme**Application :** WB, ICC/IF, FC**Reactivity :** Human, Mouse, Monkey**Host species :** Mouse**Background**

ATP citrate-lyase is the primary enzyme responsible for the synthesis of cytosolic acetyl-CoA in many tissues. Has a central role in de novo lipid synthesis. In nervous tissue it may be involved in the biosynthesis of acetylcholine.

Immunogen

Purified recombinant human ATP citrate lyase protein fragments expressed in E.coli

Gene ID

47

Swiss Prot

P53396

Synonyms

ACLY; ATP-citrate synthase; ATP-citrate; pro-S-)lyase; ACL; Citrate cleavage enzyme

Reactivity

Human, Mouse, Monkey

Application

WB, ICC/IF, FC

Recommended dilution

WB: 1:500-1:1000

ICC/IF: 1:50-1:200

FC: 1:50-1:100

Calculated MW

121 kDa

Observed MW

121 kDa

Host species

Mouse

Clonality

Monoclonal

Clonality No.

3D9-E9-H8

Isotype

IgG2a

Purity

Affinity Purification

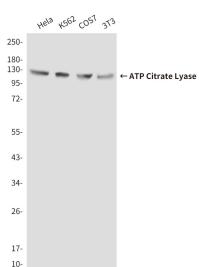
Conjugation

Un-conjugated

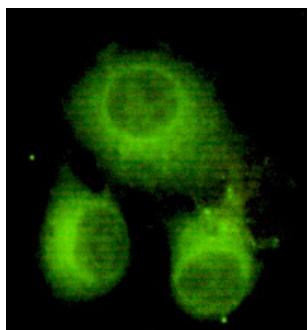
Storage Stability

Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA .

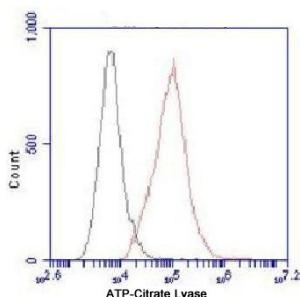
Stable for 12 months from date of receipt.



Western blot analysis of ATPCitrate Lyase in 3T3, K562, COS7 and Hela lysates using ATPCitrate Lyase antibody.



Immunocytochemistry analysis of ATP Citrate Lyase in HeLa cells using ATPCitrate Lyase (Cterminus) antibody.



Flow Cytometry analysis of HeLa cells stained with ATPCitrate Lyase (red). Black line histogram represents the isotype control, normal mouse IgG