

Anti-ATP-citrate synthase ACLY Monoclonal Antibody

Catalog Number: A02372

About ACLY

Ephrin-B2 encodes a member of the ephrin (EPH) family. The ephrins and EPH-related receptors comprise the largest subfamily of receptor protein-tyrosine kinases and have been implicated in mediating developmental events, especially in the nervous system and in erythropoiesis. Based on their structures and sequence relationships, ephrins are divided into the ephrin-A (EFNA) class, which are anchored to the membrane by a glycosylphosphatidylinositol linkage, and the ephrin-B (EFNB) class, which are transmembrane proteins. This gene encodes an EFNB class ephrin which binds to the EPHB4 and EPHA3 receptors.

Chrencik JE, et al. (2006) J Biol Chem; 281(38):28185-28192.

Kertesz N, et al. (2006) Blood; 107(6):2330-2338.

Noren NK, et al. (2004) Proc Natl Acad Sci USA; 101(15):5583-5588.

Overview

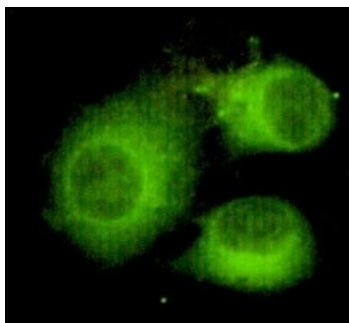
Product Name	Anti-ATP-citrate synthase ACLY Monoclonal Antibody
Reactive Species	Bovine, Chicken, Human, Mouse, Pig, Rat
Description	Boster Bio Anti-ATP-citrate synthase ACLY Monoclonal Antibody catalog # A02372. Tested in Flow Cytometry, IF, IHC, WB applications. This antibody reacts with Bovine, Chicken, Human, Mouse, Pig, Rat.
Application	Flow Cytometry, IF, IHC, WB
Clonality	Monoclonal 1G11
Formulation	Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Mouse
Uniprot ID	P53396

Technical Details

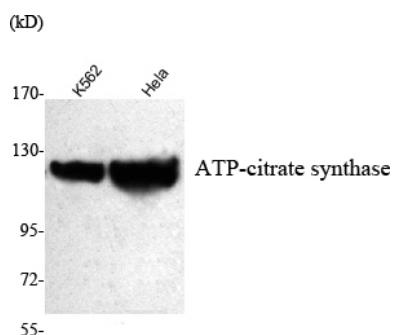
Immunogen	Purified recombinant human ATP-citrate synthase (C-terminal) protein fragments expressed in E.coli.
Predicted Reactive Species	Bovine, Canine, Equine, Guinea Pig, Rabbit, Zebrafish
Isotype	IgG
Form	Liquid

Concentration	This antibody's concentration is >0.5mg/ml.
Purification	Protein A purified
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>WB, 1:1000-1:2000</p> <p>IF, 1:100-1:500</p> <p>FC, 1:100-1:200</p>

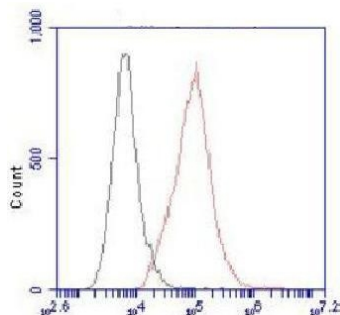
Anti-ATP-citrate synthase ACLY Monoclonal Antibody (A02372) Images



Immunofluorescence (IF) analysis of HeLa cells using ATP-citrate synthase Monoclonal antibody.



Western Blot (WB) analysis using ATP-citrate synthase Monoclonal antibody against K562, HeLa cell lysate.



Flow cytometric (FCM) analysis of HeLa cells stained with ATP-citrate synthase Monoclonal antibody (red), followed by FITC-conjugated goat anti-Mouse IgG. Black line histogram represents the isotype control, normal Mouse IgG.

Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-ATP-citrate synthase ACLY Monoclonal Antibody