

# Product Datasheet

## ATP Citrate Lyase Antibody (5F8D11) - BSA Free NBP2-37429

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-37429**

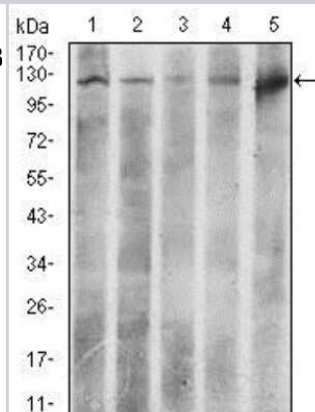
ATP Citrate Lyase Antibody (5F8D11) - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	5F8D11
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	125 kDa
Product Description	
Host	Mouse
Gene ID	47
Gene Symbol	ACLY
Species	Human, Mouse, Rat, Monkey
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Immunogen	Purified recombinant fragment of human ATP Citrate Lyase (AA: 306-502) expressed in E. Coli.
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
Recommended Dilutions	Western Blot 1:500 - 1:2000, Flow Cytometry 1:200 - 1:400, ELISA 1:10000, Immunohistochemistry 1:200 - 1:1000, Immunocytochemistry/Immunofluorescence 1:50, Immunohistochemistry-Paraffin 1:200 - 1:1000, CyTOF-ready
Application Notes	This antibody is Cytof ready.

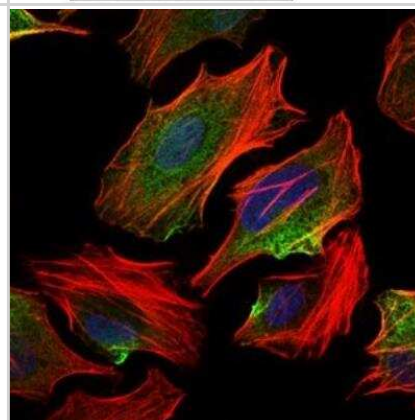


## Images

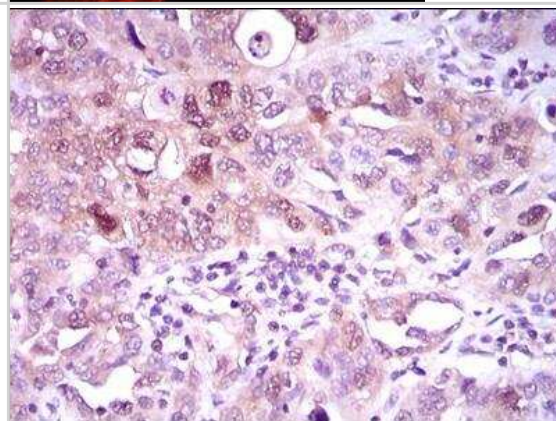
**Western Blot: ATP Citrate Lyase Antibody (5F8D11) [NBP2-37429] -** Western blot analysis using ACLY mouse mAb against HeLa (1), NIH3T3 (2), C6 (3), COS7 (4), and Raji (5) cell lysate.



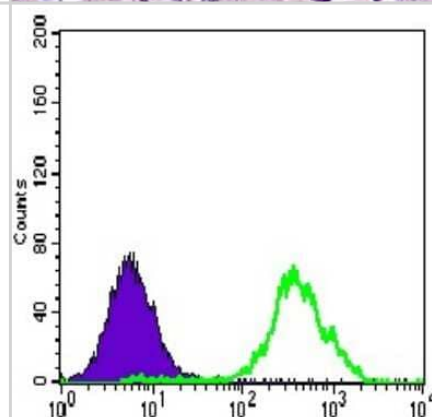
**Immunocytochemistry/Immunofluorescence: ATP Citrate Lyase Antibody (5F8D11) [NBP2-37429] -** Immunofluorescence analysis of HeLa cells using ACLY mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



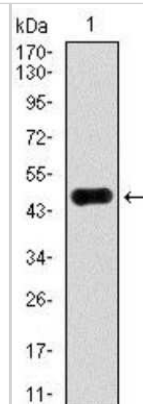
**Immunohistochemistry-Paraffin: ATP Citrate Lyase Antibody (5F8D11) [NBP2-37429] -** Analysis of paraffin-embedded endometrial cancer tissues using ACLY mouse mAb with DAB staining.



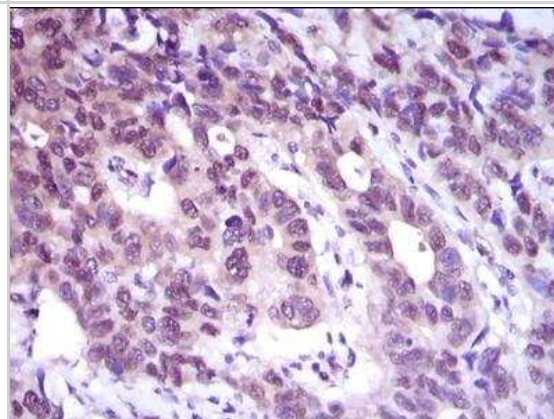
**Flow Cytometry: ATP Citrate Lyase Antibody (5F8D11) [NBP2-37429] -** Flow cytometric analysis of HeLa cells using ACLY mouse mAb (green) and negative control (purple).



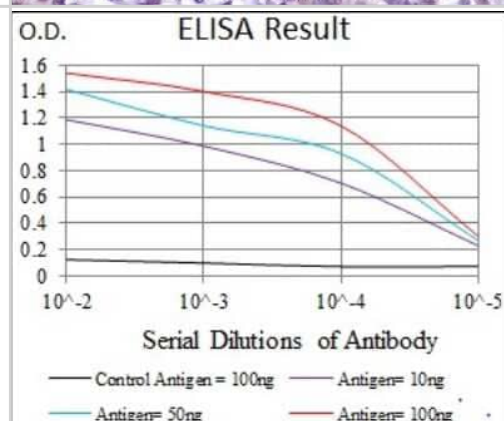
Western Blot: ATP Citrate Lyase Antibody (5F8D11) [NBP2-37429] - Western blot analysis using ACLY mAb against human ACLY recombinant protein. (Expected MW is 46.7 kDa)



Immunohistochemistry-Paraffin: ATP Citrate Lyase Antibody (5F8D11) [NBP2-37429] - Analysis of paraffin-embedded esophageal cancer tissues using ACLY mouse mAb with DAB staining.



ELISA: ATP Citrate Lyase Antibody (5F8D11) [NBP2-37429] - Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng);





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### **Products Related to NBP2-37429**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP1-90266PEP	ATP Citrate Lyase Recombinant Protein Antigen

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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