

# ATP Citrate Lyase Recombinant Rabbit Monoclonal Antibody (4D11)

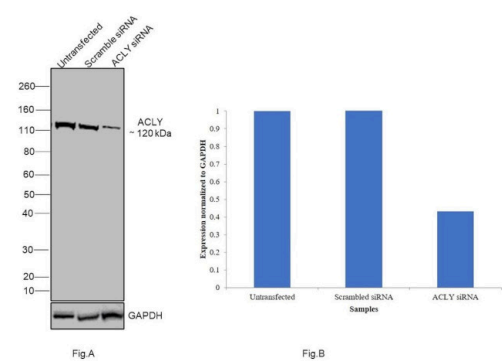
Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Recombinant Monoclonal
Type	Antibody
Clone	4D11
Conjugate	Unconjugated
Immunogen	Recombinant ATP Citrate Lyase.
Form	Liquid
Concentration	1 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2, with 50% glycerol
Contains	0.02% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2717299

Applications	Tested Dilution	Publications
Western Blot (WB)	1:200-1:2,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:200	-
Immunocytochemistry (ICC/IF)	1:50-1:200	-
Flow Cytometry (Flow)	1:50-1:100	-

### Product Specific Information

Recombinant rabbit monoclonal antibodies are produced using in vitro expression systems. The expression systems are developed by cloning in the specific antibody DNA sequences from immunoreactive rabbits. Then, individual clones are screened to select the best candidates for production. The advantages of using recombinant rabbit monoclonal antibodies include: better specificity and sensitivity, lot-to-lot consistency, animal origin-free formulations, and broader immunoreactivity to diverse targets due to larger rabbit immune repertoire.

Product Images For ATP Citrate Lyase Recombinant Rabbit Monoclonal Antibody (4D11)

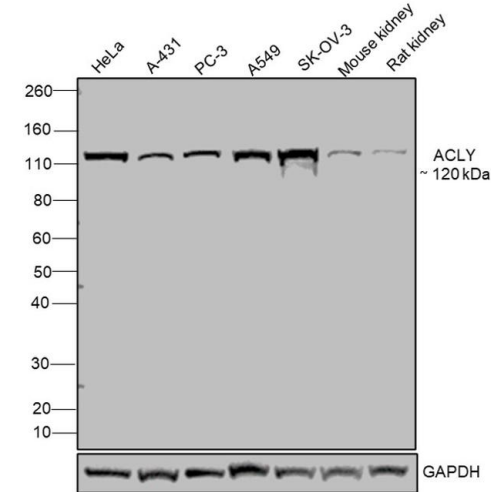


ATP Citrate Lyase Antibody (MA5-24861)

Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. A549 cells were transfected with ATP Citrate Lyase siRNA and decrease in signal intensity was observed in Western Blot application using Anti-ATP Citrate Lyase Recombinant Rabbit Monoclonal Antibody (4D11) (Product # MA5-24861). {KD}

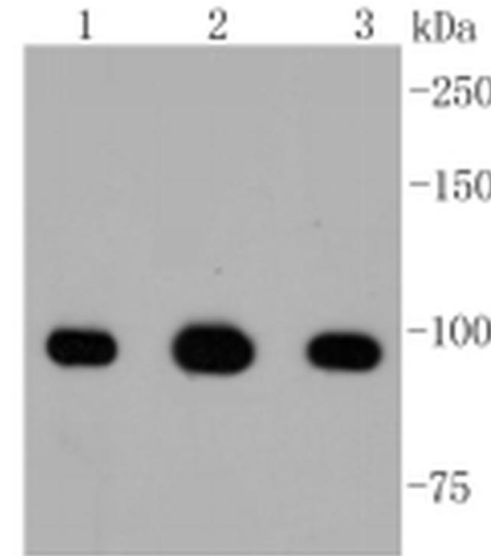
ATP Citrate Lyase Antibody (MA5-24861) in WB

Western blot was performed using Anti-ATP Citrate Lyase Recombinant Rabbit Monoclonal Antibody (4D11)(Product # MA5-24861) and a 120kDa band corresponding to ATP Citrate Lyase was observed across cell lines and tissues tested. Whole cell extracts (30 µg lysate) of HeLa (Lane 1), A-431 (Lane 2), PC-3 (Lane 3), A549 (Lane 4), SK-O-V3 (Lane 5), Mouse Kidney (Lane 6), Rat Kidney (Lane 7) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0321BOX). Resolved proteins were then transferred onto a Nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1:1000 Dilution) and detected by chemiluminescence with Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036, 1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).



ATP Citrate Lyase Antibody (MA5-24861) in WB

Western blot analysis of ATP Citrate Lyase in Lane 1: the kidney tissue lysate of mouse, Lane 2: the colon tissue lysate of mouse, Lane 2: MCF7 whole cell lysate. Samples were incubated with ATP Citrate Lyase monoclonal antibody (Product # MA5-24861) at a dilution of 1:1,000.



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