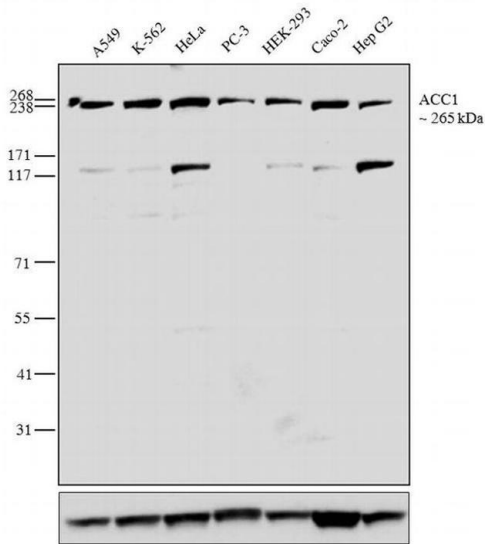


# Acetyl-CoA Carboxylase Monoclonal Antibody (143)

Product Details	
Size	100 µg
Species Reactivity	Human
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	143
Conjugate	Unconjugated
Immunogen	Recombinant protein derived from the C-terminus of human Acetyl CoA Carboxylase 1 (ACC-1) protein (accession # Q13085, NP_942131), which is identical to chimpanzee. This protein is also 99% similar to Rhesus monkey, 96% similar to pig and bovine and 95% similar to mouse and rat.
Form	Liquid
Concentration	0.5 mg/mL
Purification	Protein A
Storage buffer	PBS, pH 7.4
Contains	0.1% sodium azide
Storage conditions	-20°C
RRID	AB_2532219

Applications	Tested Dilution	Publications
Western Blot (WB)	1-3 µg/mL	-
Immunocytochemistry (ICC/IF)	Assay-dependent	-
ELISA (ELISA)	Assay-dependent	-
Immunoprecipitation (IP)	Assay-dependent	-

Product Images For Acetyl-CoA Carboxylase Monoclonal Antibody (143)



Acetyl-CoA Carboxylase Antibody (437100) in WB

Western blot analysis of ACC1 was performed using membrane enriched extracts (30 µg lysate) of A549 (Lane 1), K-562 (Lane 2), HeLa (Lane 3), PC-3 (Lane 4), HEK-293 (Lane 5), Caco-2 (Lane 6) and Hep G2 (Lane 7). The blots were probed with Anti-ACC1 Mouse monoclonal Antibody (Product # 437100, 1-3 µg/mL) and detected by chemiluminescence using Goat anti-Mouse IgG (H+L) Superclonal™ Secondary Antibody, HRP conjugate (Product # A28177, 0.4 µg/mL, 1:2500 dilution). A 265 kDa band corresponding to ACC1 were observed across the cell lines tested. Along with the desired bands, non-specific bands at 120 kDa were observed across cell lines, except PC-3. Known quantity of protein samples were electrophoresed using Novex® NuPAGE® 4-12 % Bis-Tris gel (Product # NP0322BOX), XCell SureLock™ Electrophoresis System (Product # EI0002) and HiMark™ Pre-stained Protein Standard (Product # LC5699). Resolved proteins were then transferred onto a nitrocellulose membrane with overnight wet transfer System. The membrane was probed with the relevant primary and secondary Antibody following blocking with 5% skimmed milk. Chemiluminescent detection was performed using Pierce™ ECL Western Blotting Substrate (Product # 32106).

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