

LCK Monoclonal Antibody (33D196)

Product Details

Size	200 µL
Species Reactivity	Human, Mouse
Host/Isotope	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	33D196
Conjugate	Unconjugated
Immunogen	Human lck protein.
Form	Liquid
Concentration	0.5 mg/mL
Purification	Protein G
Storage buffer	PBS
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_1076447

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:1000	-

Product Specific Information

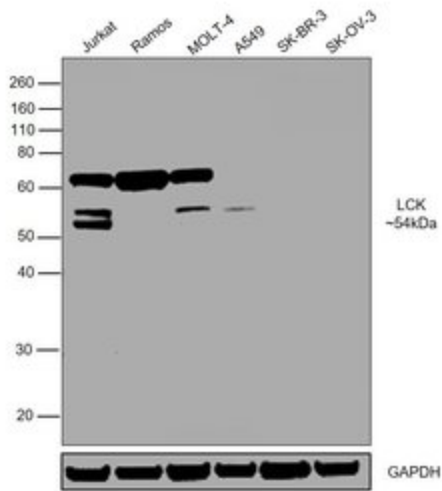
The immunogen sequence is 100% homologous in mouse.

Suggested positive control: Jurkat whole cell lysate.

Product Images For LCK Monoclonal Antibody (33D196)

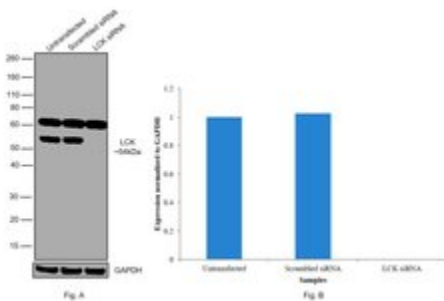
LCK Antibody (MA1-41203) in WB

Western blot was performed using Anti-LCK Monoclonal Antibody (33D196) (Product # MA1-41203) and a 54kDa band corresponding to LCK was observed in Jurkat, MOLT-4 and A549, but not in Ramos, SK-BR-3 and SK-OV-3. An uncharacterized band was also observed at ~65kDa in few cell lines. Whole cell lysates (30ug lysate) of Jurkat (Lane 1), Ramos (Lane 2), MOLT-4 (Lane 3), A549 (Lane 4), SK-BR-3 (Lane 5) and SK-OV-3 (Lane 6) were electrophoresed using Novex® NuPAGE® 4-12 % Bis-Tris gel (Product # NP0322BOX). 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) detected by chemiluminescence with Goat anti-Mouse IgG (H+L) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A28177, 1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).



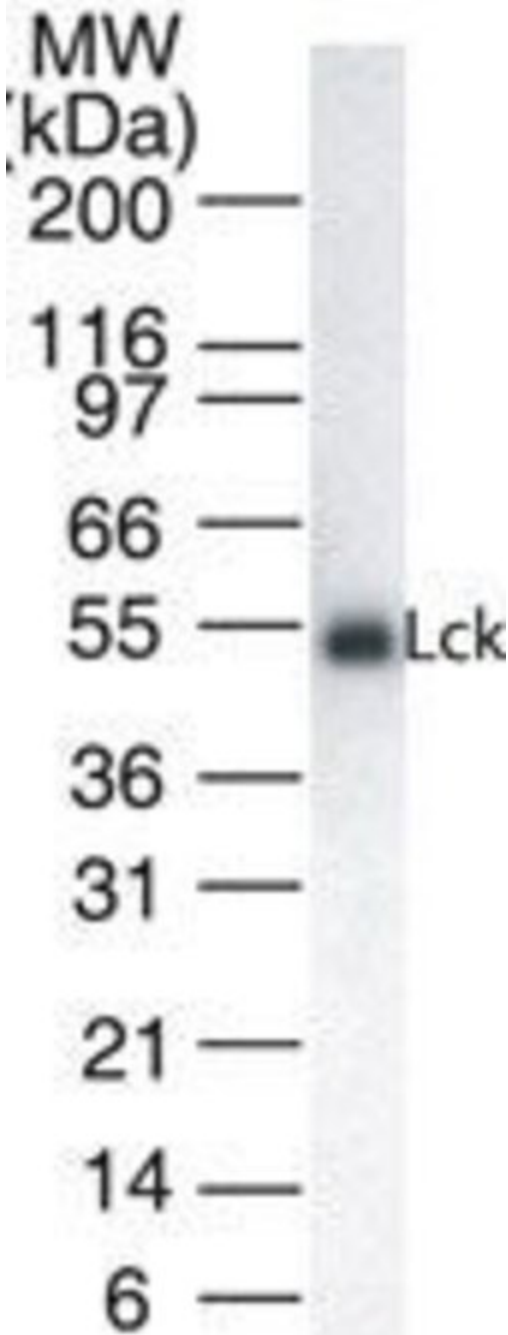
LCK Antibody (MA1-41203) in WB

Knockdown of LCK was achieved by transfecting Jurkat with LCK specific siRNAs (Silencer® select Products # s8108, s8107). Western blot analysis (Fig. a) was performed using whole cell extracts from the LCK knockdown cells (Lane 3), non-specific scrambled siRNA transfected cells (Lane 2) and untransfected cells (Lane 1). The blot was probed with LCK Monoclonal Antibody (33D196) (Product # MA1-41203, 1:1000 dilution) and Goat anti-Mouse IgG (H+L) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A28177, 1:4000 dilution). Densitometric analysis of this western blot is shown in histogram (Fig. b). Decrease in signal upon siRNA mediated knock down confirms that antibody is specific to LCK. An uncharacterized band was observed at ~60kDa.



LCK Antibody (MA1-41203) in WB

Western blot analysis for Lck using a LCK monoclonal antibody (Product # MA1-41203) at 1:1000 dilution against 20 µg/lane of Jurkat cell lysate.



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