

# LCK Monoclonal Antibody (33D196)

Product Details	
Size	200 µL
Species Reactivity	Human, Mouse
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	33D196
Conjugate	Unconjugated
Immunogen	Human lck protein.
Form	Liquid
Concentration	1.0 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

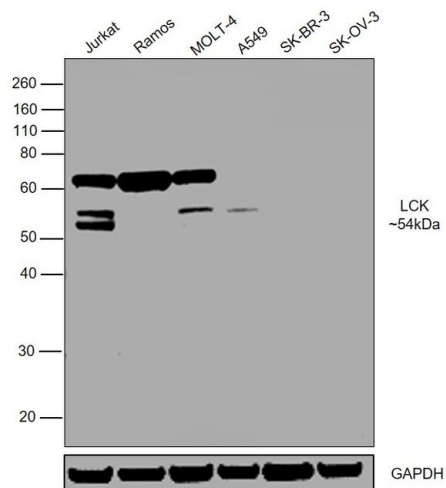
Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:1,000	-

## Product Specific Information

The immunogen sequence is 100% homologus in mouse.

Suggested positive control: Jurkat whole cell lysate.

## Product Images For LCK Monoclonal Antibody (33D196)

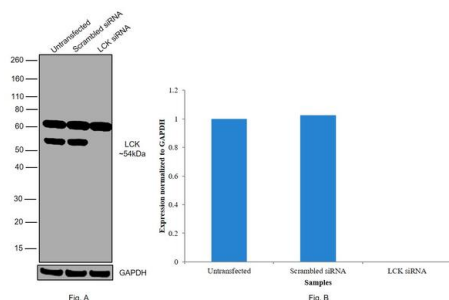


### LCK Antibody (MA1-41203) in WB

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).

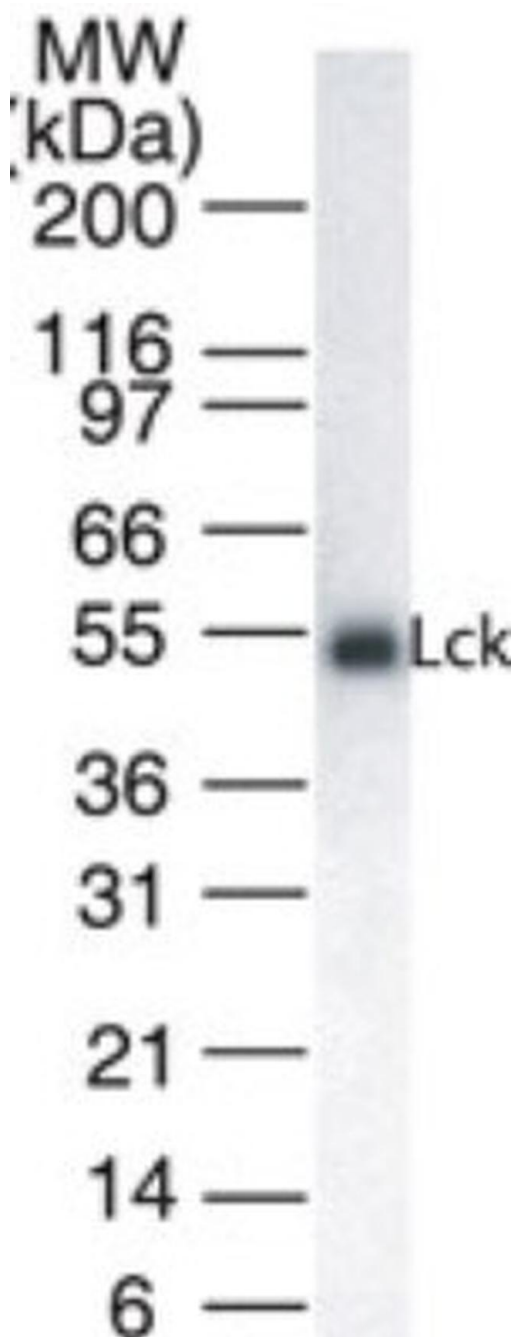
### LCK Antibody (MA1-41203) in WB

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 of LCK in 20 µg/lane Jurkat cell lysate. Samples were incubated in LCK monoclonal antibody (Product # MA1-41203) using a dilution of 1:1000.



For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (I) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (II) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (III) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (IV) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.