

LCK Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Lck (468-506aa ELYQLMRLCWKERPEDRPTFDYLRVLEDDFTATEGQYQ).
Form	Lyophilized
Concentration	500 µg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS with 4mg trehalose
Contains	no preservative
Storage conditions	-20°C
RRID	AB_2746702

Applications	Tested Dilution	Publications
Western Blot (WB)	0.1-0.5 µg/mL	-
Immunohistochemistry (Paraffin) (IHC (P))	0.5-1 µg/mL	-
Immunohistochemistry (Frozen) (IHC (F))	0.5-1 µg/mL	-
Immunocytochemistry (ICC/IF)	2 µg/mL	-
Flow Cytometry (Flow)	1-3 µg/1x10^6 cells	-

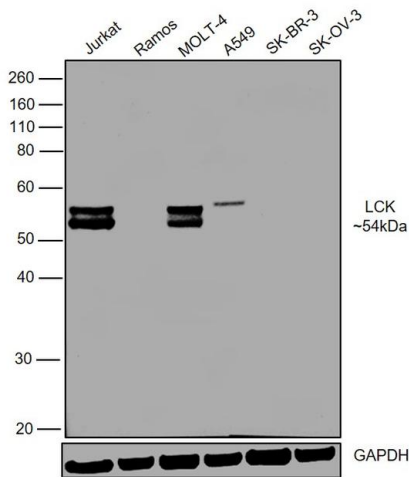
Product Specific Information

Reconstitute with 0.2 mL of distilled water to yield a concentration of 500 µg/mL.

Product Images For LCK Polyclonal Antibody

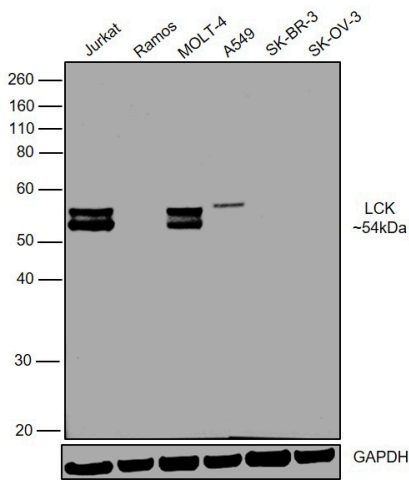
LCK Antibody (PA5-79587) in WB

Western blot was performed using Anti-LCK Polyclonal Antibody (Product # PA5-79587) and a 54 kDa band corresponding to LCK was observed in Jurkat, MOLT-4 and A549, but not in Ramos, SK-BR-3 and SK-OV-3 which are reported to be negative. Whole cell lysates (30 µg 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 (1:1,000 dilution) and detected by chemiluminescence with Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036, 1:4,000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).



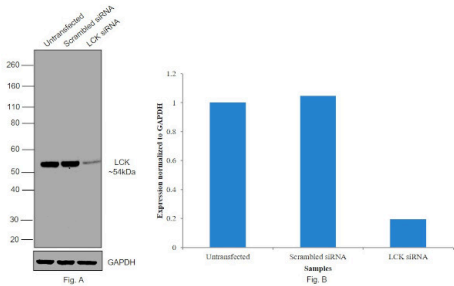
LCK Antibody (PA5-79587)

Antibody specificity was demonstrated by detection of differential basal expression of the target across cell lines owing to their inherent genetic constitution. Relative expression of LCK was observed in Jurkat, MOLT-4 and A549, when compared to Ramos, SK-BR-3 and SK-OV-3, using LCK Polyclonal Antibody (Product # PA5-79587) in western blot. {RE}



LCK Antibody (PA5-79587)

Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. Jurkat cells were transfected with LCK siRNA and loss of signal was observed in Western Blot using anti-LCK Polyclonal Antibody (Product # PA5-79587). {KD}



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