

Phospho-LCK (Tyr394) Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Published Species	Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Peptide sequence around phosphorylation site of tyrosine 394 (N-E-Y(p)-T-A) derived from Human Lck.
Form	Liquid
Concentration	1 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.4, with 50% glycerol
Contains	0.02% sodium azide
Storage conditions	-20°C
RRID	AB_2554236

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:1,000	2 Publications

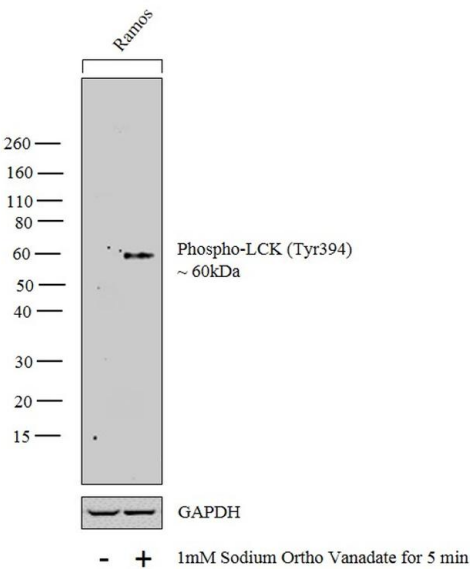
Product Specific Information

A suggested positive control for Western blot is JK cells.

Product Images For Phospho-LCK (Tyr394) Polyclonal Antibody

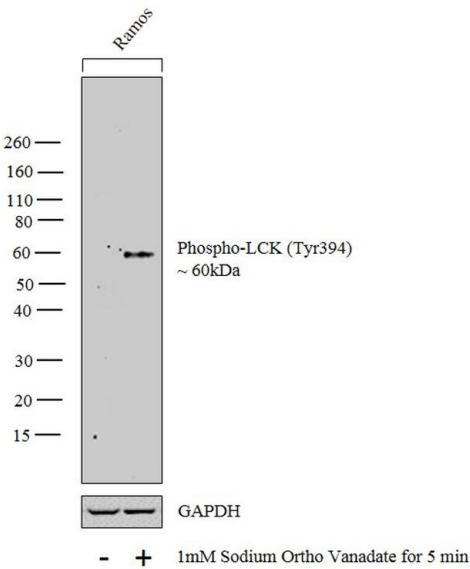
Phospho-LCK (Tyr394) Antibody (PA5-37628) in WB

Western blot analysis was performed on whole cell extracts (30 µg lysate) of Ramos (Lane 1) and Ramos treated with Sodium Ortho Vanadate (1mM for 5 min) (Lane 2). The blot was probed with Anti-Phospho-LCK (Tyr394) Polyclonal Antibody (Product # PA5-37628, 1:500 dilution) and detected by chemiluminescence using Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Secondary Antibody, HRP conjugate (Product # A27036, 0.25 µg/mL, 1:4000 dilution). A 60kDa band corresponding to Phospho-LCK (Tyr394) was observed to be induced upon treatment of Ramos cells with Sodium Ortho Vanadate.



Phospho-LCK (Tyr394) Antibody (PA5-37628)

Altered expression of target protein upon cell treatment demonstrates antibody specificity. Western blot analysis of Phospho-LCK (Tyr394) using with Anti-Phospho-LCK (Tyr394) Polyclonal Antibody (Product # PA5-37628) shows an increase in Phospho-LCK (Tyr394) upon treatment of Ramos cells with Sodium Ortho Vanadate. {TM}



Western Blot (2)

<p>The Journal of biological chemistry</p> <p><b>Transforming growth factor (TGF-) receptor signaling regulates kinase networks and phosphatidylinositol metabolism during T-cell activation.</b></p> <p>"PA5-37628 was used in Western Blotting to identify specific signaling networks that are regulated by Transforming growth factor ."</p> <p>Authors: Cattley RT, Lee M, Boggess WC, Hawse WF</p>	<p>Year 2020</p> <p>Species Mouse</p>
<p>International journal of molecular sciences</p> <p><b>Differential Targeting of Gr-MDSCs, T Cells and Prostate Cancer Cells by Dactolisib and Dasatinib.</b></p> <p>"PA5-37628 was used in Western Blotting to provide important mechanistic insight into the efficacious combination of Dactolisib and immune checkpoint blockade (ICB) as well as the detrimental effect of Dasatinib on anti-tumor immunity."</p> <p>Authors: Liu G, Jin Z, Lu X</p>	<p>Year 2020</p> <p>Species Mouse</p>

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