LCK Monoclonal Antibody (3A5)

Product Details	
Size	500 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotope	Mouse / IgG2b, kappa
Class	Monoclonal
Type	Antibody
Clone	3A5
Conjugate	Unconjugated
Immunogen	Recombinant protein corresponding to aa 1-225 of murine p56lck protein
Form	Liquid
Concentration	0.2 mg/mL
Purification	Protein A
Storage buffer	PBS, pH 7.4, with 0.2% BSA
Contains	0.09% sodium azide
Storage Conditions	4° C
RRID	AB_10986446

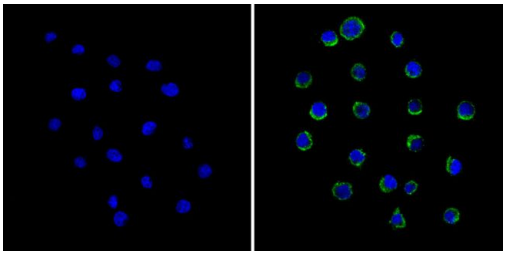
Applications	Tested	Dilution	Published
Miscellaneous PubMed (MISC)	-		1 Publication
Flow Cytometry (Flow)	✓	1 µg/test	
Immunocytochemistry (ICC)	✓	1:20	
Immunofluorescence (IF)	✓	1:20	
Immunoprecipitation (IP)	✓	2 µg/mL	
Western Blot (WB)	✓	1-2 µg/mL	

Product Specific Information

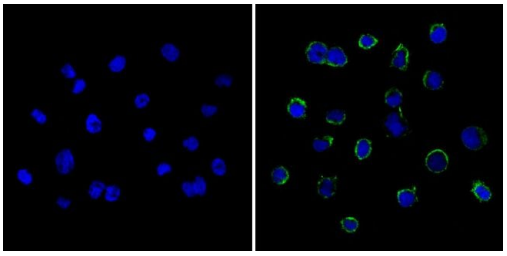
MA5-12303 targets LCK (p56lck) in IP, ICC/IF, FACS and WB applications and shows reactivity with Human, mouse, and Rat samples.

The MA5-12303 immunogen is recombinant protein corresponding to aa 1-225 of mouse p56lck protein.

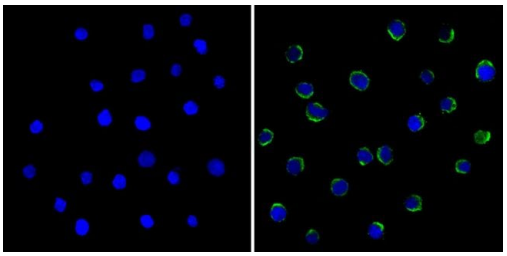
Product Images For LCK Monoclonal Antibody (3A5)



LCK Antibody (MA5-12303) in IF
Immunofluorescent analysis of LCK (p56lck) (green) showing staining in the cytoplasm of Jurkat cells (right) compared to a negative control without primary antibody (left). Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with a LCK (p56lck) monoclonal antibody (Product # MA5-12303) in 3% BSA-PBS at a dilution of 1:20 and incubated overnight at 4°C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight-conjugated secondary antibody in PBS at room temperature in the dark. Nuclei were stained with Hoechst or DAPI (blue). Images were taken at a magnification of 60x.



LCK Antibody (MA5-12303) in IF
Immunofluorescent analysis of LCK (p56lck) (green) showing staining in the cytoplasm of BaF-3 cells (right) compared to a negative control without primary antibody (left). Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with a LCK (p56lck) monoclonal antibody (Product # MA5-12303) in 3% BSA-PBS at a dilution of 1:20 and incubated overnight at 4°C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight-conjugated secondary antibody in PBS at room temperature in the dark. Nuclei were stained with Hoechst or DAPI (blue). Images were taken at a magnification of 60x.



LCK Antibody (MA5-12303) in IF
Immunofluorescent analysis of LCK (p56lck) (green) showing staining in the cytoplasm of Ramos cells (right) compared to a negative control without primary antibody (left). Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with a LCK (p56lck) monoclonal antibody (Product # MA5-12303) in 3% BSA-PBS at a dilution of 1:20 and incubated overnight at 4°C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight-conjugated secondary antibody in PBS at room temperature in the dark. Nuclei were stained with Hoechst or DAPI (blue). Images were taken at a magnification of 60x.

View more figures on thermofisher.com

1 Reference

Miscellaneous PubMed (1)

Journal of the American Chemical Society

Robust fluorescent detection of protein fatty-acylation with chemical reporters.

"MA5-12303 was used in immunoprecipitation and western blot to introduce a new method of fluorescent detection of protein fatty-acylation"

Authors: Charron G,Zhang MM,Yount JS,Wilson J,Raghavan AS,Shamir E,Hang HC

Species
Not Applicable

Dilution
Not Cited

Year
2009