9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-Integrin Linked Kinase Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1314

Product Overview

Name	KD-Validated Anti-Integrin Linked Kinase Rabbit Monoclonal Antibody
Accession(Primary)	Q13418
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human ILK
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 51 kDa; observed, 48 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western blotting (WB): 1:1,000-1:5,000Flow Cytometry (FCM): 1:2,000Immunocytochemistry (IC): 1:100-1:1,000

Target information (Q13418)

Gene Name	ILK
About Gene Symbol	ILK (Integrin Linked Kinase) is a serine/threonine protein kinase involved in cell signaling and proliferation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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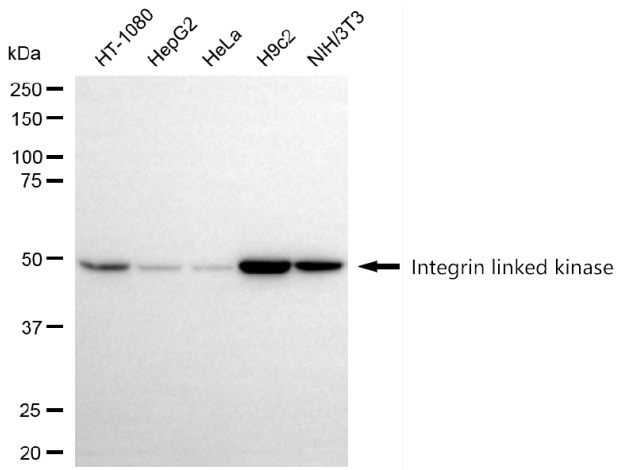

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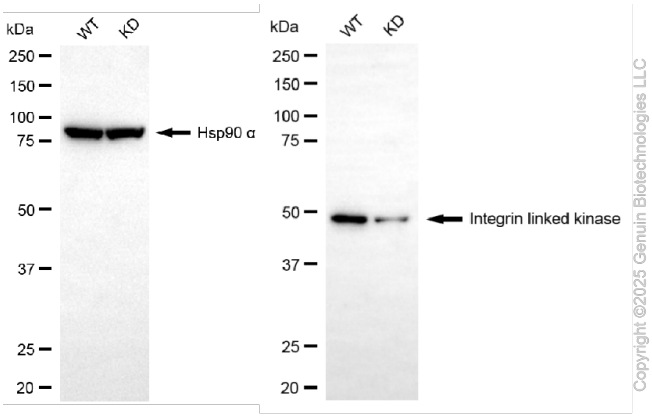
Western blotting analysis using anti-integrin linked kinase antibody (Cat#ABG1314). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-integrin linked kinase antibody (Cat#ABG1314, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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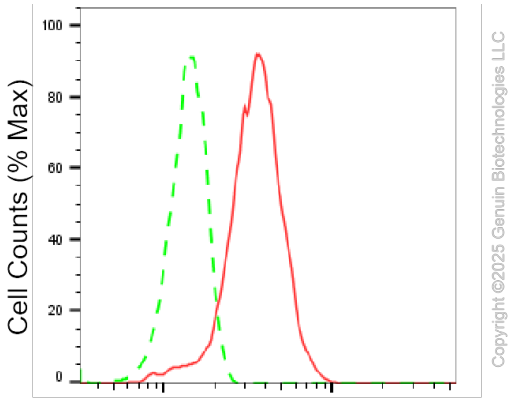
Western blotting analysis using anti-integrin linked kinase antibody (Cat#ABG1314). Integrin linked kinase expression in wild-type (WT) and integrin linked kinase (DAG1) knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-integrin linked kinase antibody (Cat#ABG1314, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Integrin linked kinase-Alexa Fluor® 647

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Flow cytometric analysis of Integrin linked kinase expression in C2C12 cells using anti-Integrin linked kinase antibody (Cat#ABG1314, 1:2,000). Green, isotype control; red, Integrin linked kinase.

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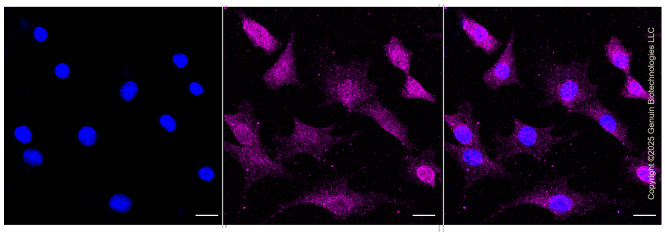

Immunocytochemical staining of C2C12 cells with anti-Integrin linked kinase antibody (Cat#ABG1314, 1:1,000). Nuclei were stained blue with DAPI; Integrin linked kinase was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Low. Scale bar, 20 µm.