

KO-Validated Anti-Serine/Threonine Kinase 3 Rabbit Monoclonal Antibody

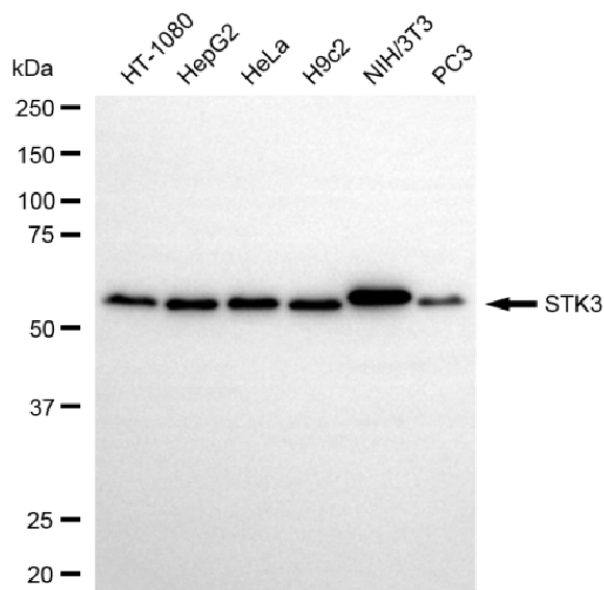
ABG2435

Product Overview

Name	KO-Validated Anti-Serine/Threonine Kinase 3 Rabbit Monoclonal Antibody
Accession(Primary)	Q13188
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human STK3
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 56 kDa; observed, 56 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

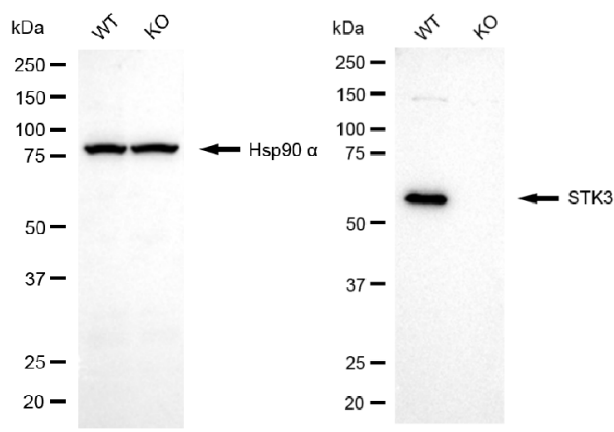
Target information (Q13188)

Gene Name	STK3
About Gene Symbol	STK3 (Serine/Threonine Kinase 3) 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.



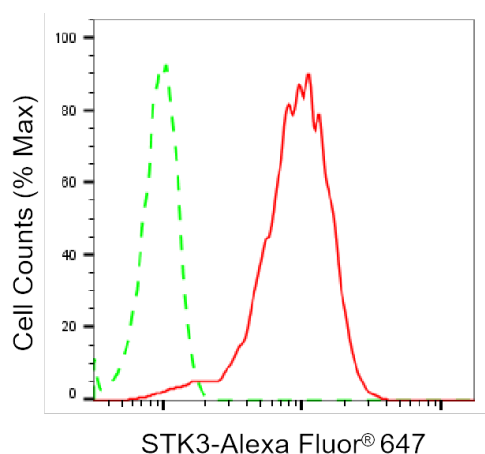
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Western blotting analysis using anti-STK3 antibody (Cat#ABG2435). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-STK3 antibody (Cat#ABG2435, 1:5,000) and HRP-conjugated goat anti rabbit secondary antibody respectively.



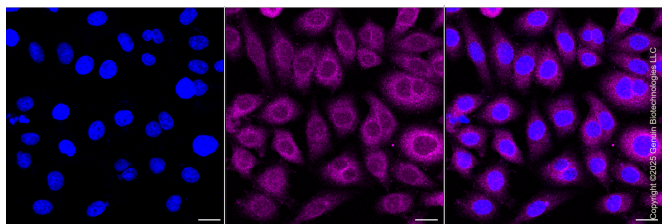
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Western blotting analysis using anti-STK3 antibody (Cat#ABG2435). STK3 expression in wild type (WT) and STK3 knockout (KO) HSHC cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-STK3 antibody (Cat#ABG2435, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of STK3 expression in HepG2 cells using anti-STK3 antibody (Cat#ABG2435, 1:2,000). Green, isotype control; red, STK3.



Immunocytochemical staining of HepG2 cells with anti-STK3 antibody (Cat#ABG2435, 1:1,000).

Nuclei were stained blue with DAPI; STK3 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 μ m.