

KD-Validated Anti-PEF1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

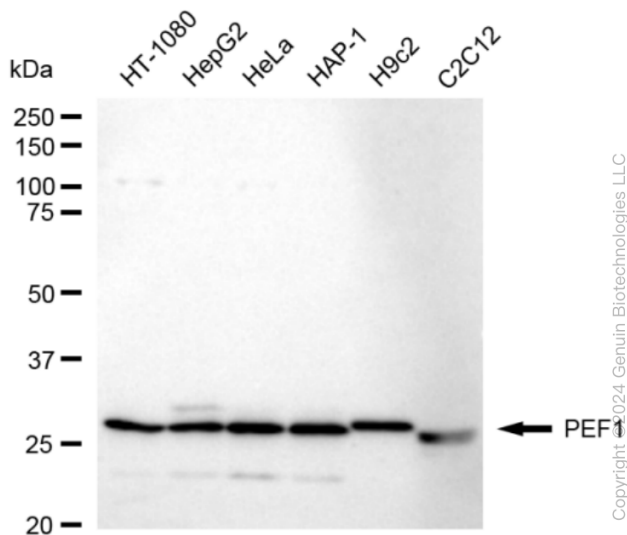
ABG1674

Product Overview

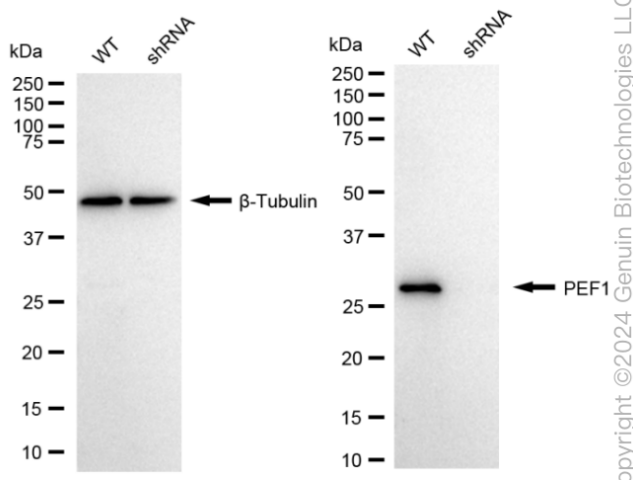
Name	KD-Validated Anti-PEF1 Rabbit Monoclonal Antibody
Accession(Primary)	Q9UBV8
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human PEF1
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 30 kDa , observed, 30 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB):1:1,000-1:5,000 Flow Cytometry (FCM):1:2,000

Target information (Q9UBV8)

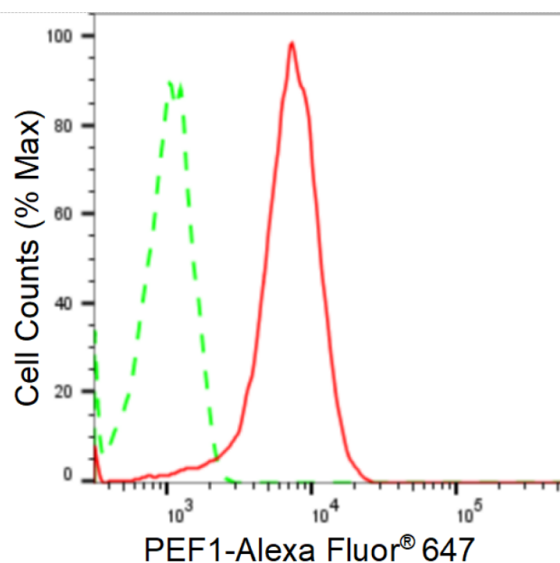
Gene Name	PEF1
About Gene Symbol	PEF1 (Penta-EF-Hand Domain Containing 1) is a protein kinase and signaling regulator involved in cell signaling and proliferation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



Western blotting analysis using anti-PEF1 antibody (Cat#ABG1674). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-PEF1 antibody (Cat#ABG1674, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-PEF1 antibody (Cat#ABG1674). PEF1 expression in wild type (WT) and PEF1 shRNA knockdown (KD) HeLa cells with 20 μ g of total cell lysates. β -Tubulin serves as a loading control. The blot was incubated with anti-PEF1 antibody (Cat#ABG1674, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of PEF1 expression in HeLa cells using anti-PEF1 antibody (Cat#ABG1674, 1:2,000). Green, isotype control; red, PEF1.