

KD-Validated Anti-MAPK3 Mouse Monoclonal Antibody

Mouse monoclonal antibody

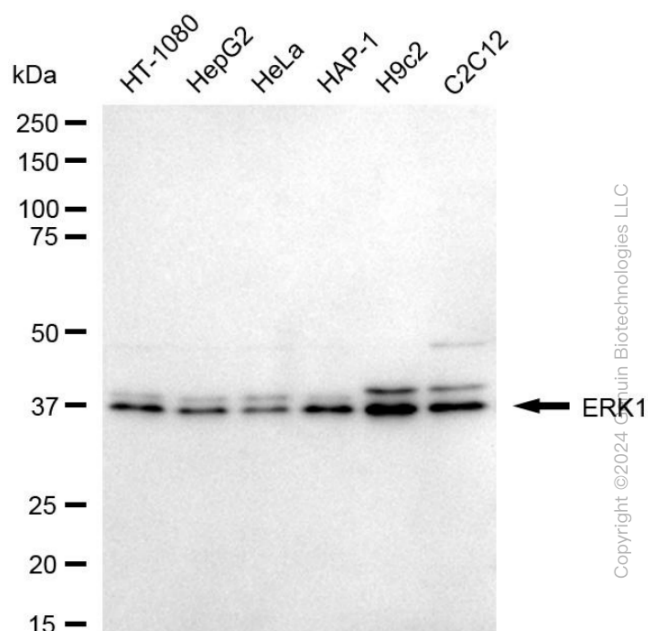
ABG1989

Product Overview

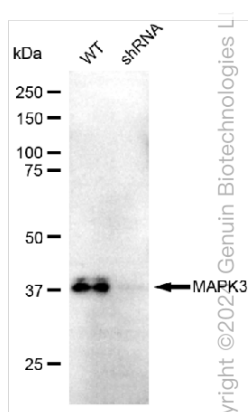
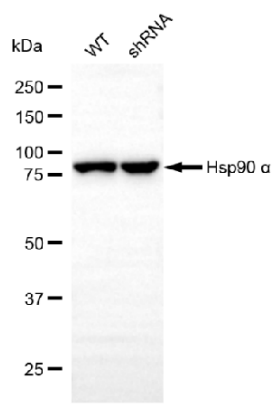
Name	KD-Validated Anti-MAPK3 Mouse Monoclonal Antibody
Accession(Primary)	P27361
Host Species	Mouse
Clonality	Monoclonal
Immunogen	A synthesized peptide derived from human ERK1
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 43 kDa, observed, 37 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000

Target information (P27361)

Gene Name	MAPK3
About Gene Symbol	MAPK3 (Mitogen-Activated Protein Kinase 3) is a mitogen-activated protein kinase involved in MAPK/ERK signaling. 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-ERK1 antibody (Cat#ABG1989). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-ERK1 antibody (Cat#ABG1989, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.



Western blotting analysis using anti-ERK1 antibody (Cat#ABG1989). ERK1 expression in wild-type (WT) and MAPK3 shRNA knockdown (KD) HeLa cells with 30 μ g of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-ERK1 antibody (Cat#ABG1989, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.