9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

KD-Validated Anti-MAPK3 Mouse Monoclonal Antibody

Mouse monoclonal antibody

ABG1989

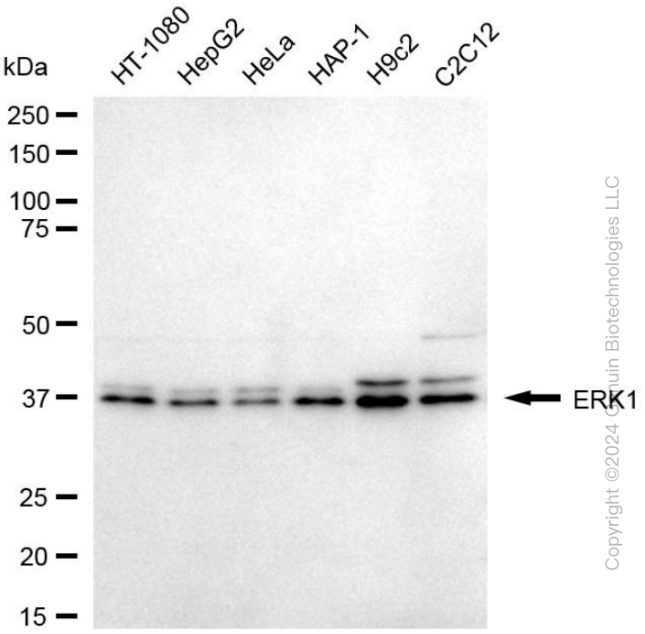
Product Overview

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)

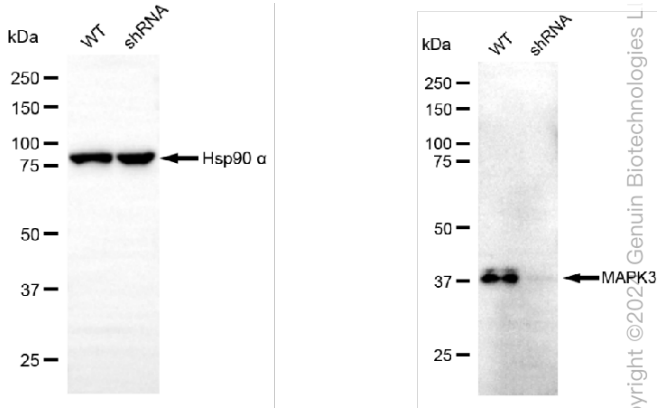
Gene Name	MAPK3
About Gene Symbol	MAPK3 (Mitogen-Activated Protein Kinase 3) is a mitogen-activated protein kinase involved in MAPK/ERK signaling. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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Western blotting analysis using anti-ERK1 antibody (Cat#ABG1989). Total cell lysates (30 µg) 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.



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Western blotting analysis using anti-ERK1 antibody (Cat#ABG1989). ERK1 expression in wild-type (WT) and MAPK3 shRNA knockdown (KD) HeLa cells with 30 µg 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.