

KD-Validated Anti-ERK1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

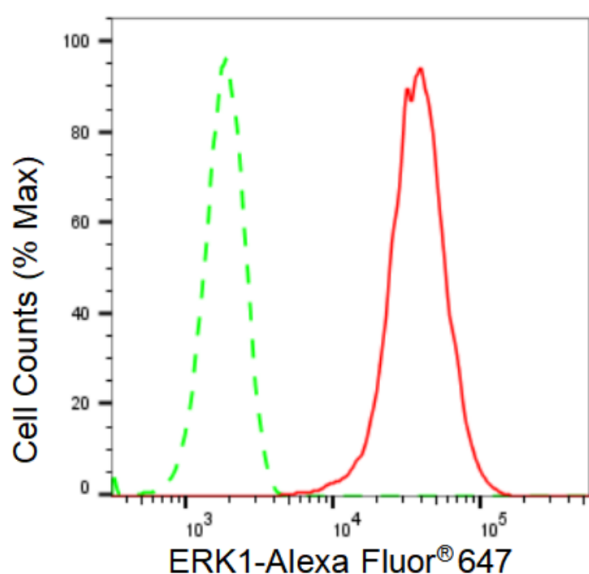
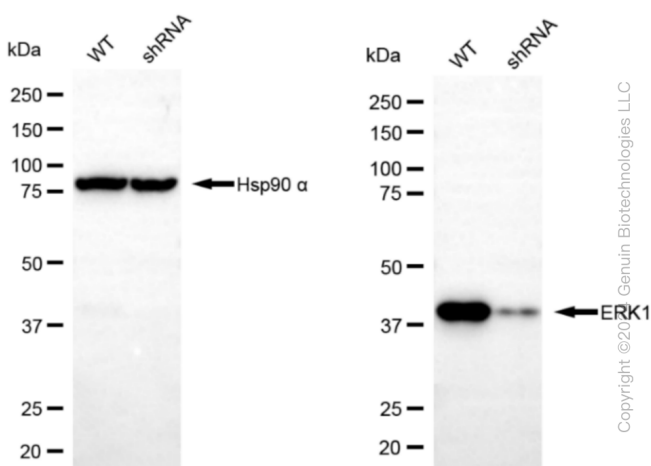
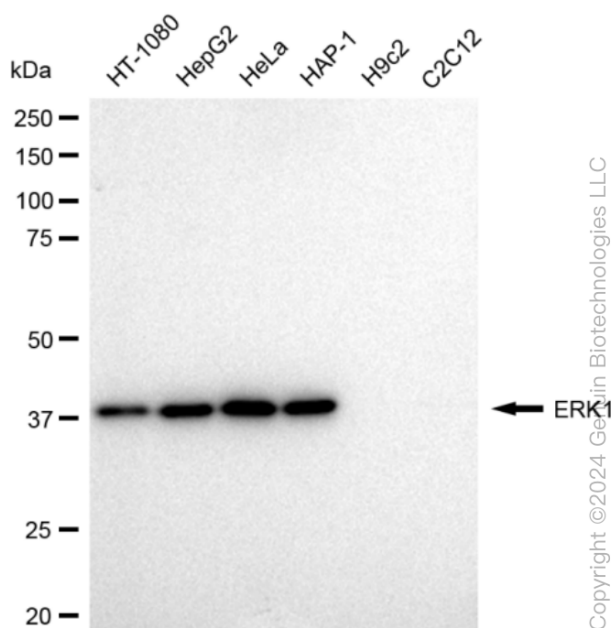
ABG1252

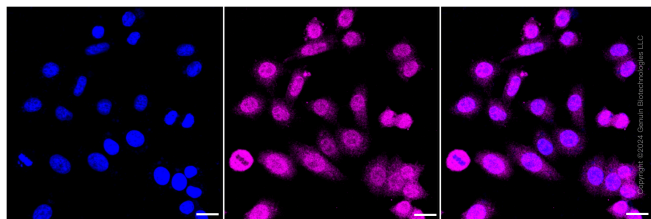
Product Overview

Name	KD-Validated Anti-ERK1 Rabbit Monoclonal Antibody
Accession(Primary)	P27361
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human ERK1
Species Reactivity	Human
Calculated MW	Predicted, 43 kDa, observed, 40 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 Immunocytochemistry (IC): 1:100-1:1,000

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.





Immunocytochemical staining of HepG2 cells with ERK1 antibody (Cat#ABG1252, 1:1,000). Nuclei were stained blue with DAPI; ERK1 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.