9051 Mira Mesa Blvd, #910094
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Tel: 760-390-3989

KD-Validated Anti-MAPK activated protein kinase 2 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1253

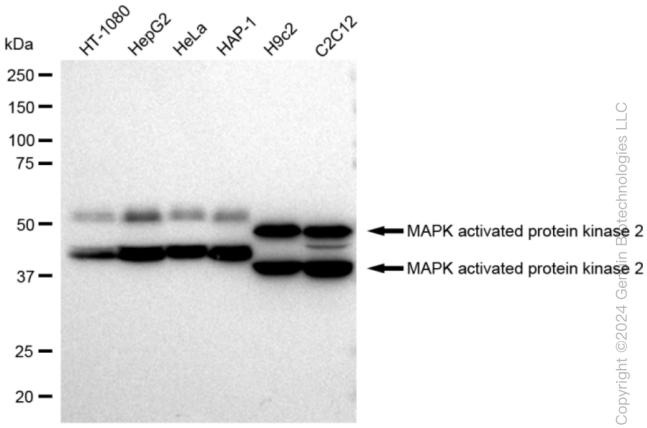
Product Overview

Name	KD-Validated Anti-MAPK activated protein kinase 2 Rabbit Monoclonal Antibody
Accession(Primary)	P49137
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human MAPKAP Kinase 2
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 46 kDa, observed, 46 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): 1:1,000

Target information (P49137)

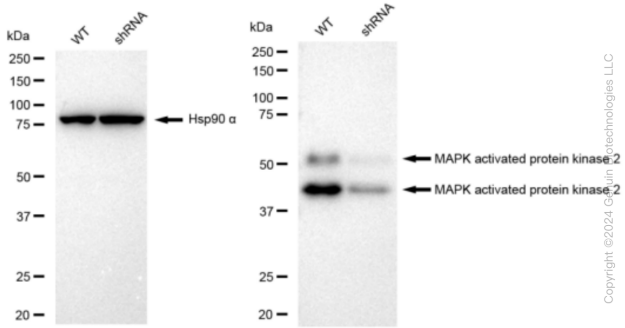
Gene Name	MAPKAPK2
About Gene Symbol	MAPKAPK2 (MAPK Activated Protein Kinase 2) is a mitogen-activated protein kinase involved in MAPK/ERK signaling. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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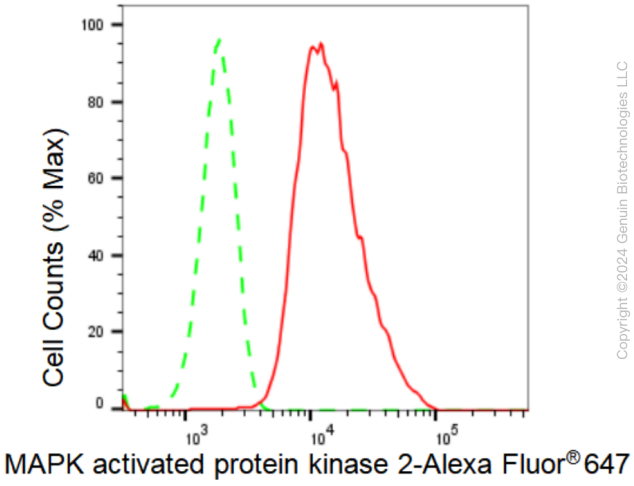
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Western blotting analysis using anti-MAPK activated protein kinase 2 antibody (ABG1253). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-MAPK activated protein kinase 2 antibody (ABG1253, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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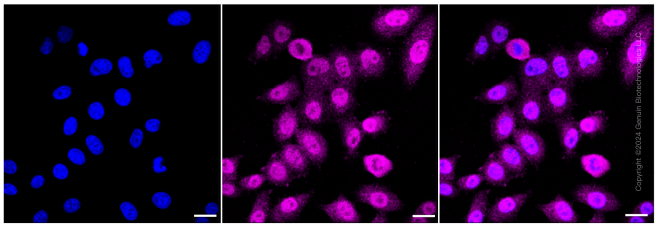
Western blotting analysis using anti-MAPK activated protein kinase 2 antibody (ABG1253). MAPK activated protein kinase 2 expression in wild type (WT) and MAPK activated protein kinase 2 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-MAPK activated protein kinase 2 antibody (ABG1253, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of MAPK activated protein kinase 2 expression in HepG2 cells using MAPK activated protein kinase 2 antibody (Cat#ABG1253, 1:2,000). Green, isotype control; red, MAPK activated protein kinase 2.

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Immunocytochemical staining of HepG2 cells with MAPK activated protein kinase 2 antibody (Cat#ABG1253, 1:1,000). Nuclei were stained blue with DAPI; MAPK activated protein kinase 2 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 µm.