

KD-Validated Anti-p38 MAPK Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

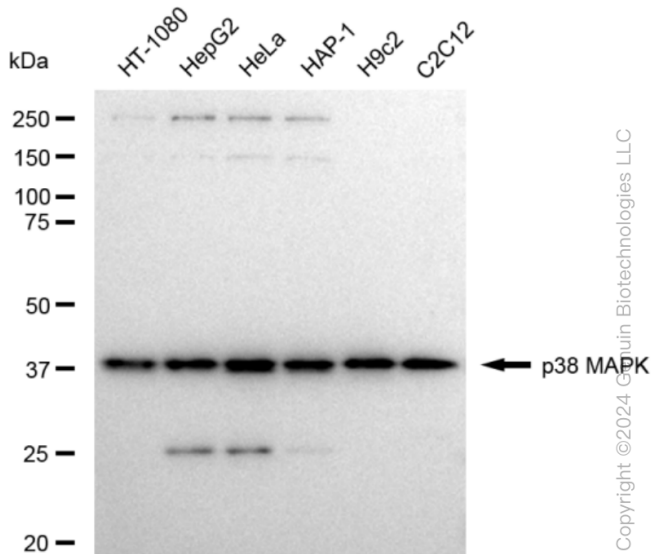
ABG1452

Product Overview

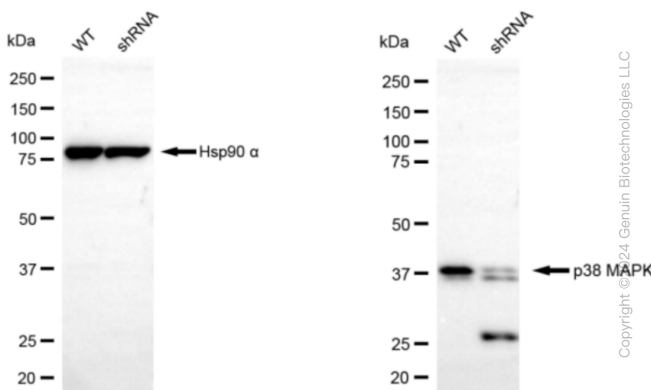
Name	KD-Validated Anti-p38 MAPK Rabbit Monoclonal Antibody
Accession(Primary)	Q16539
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human p38 MAPK
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 41 kDa, observed, 38 kDa
Storage Buffer	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 (Q16539)

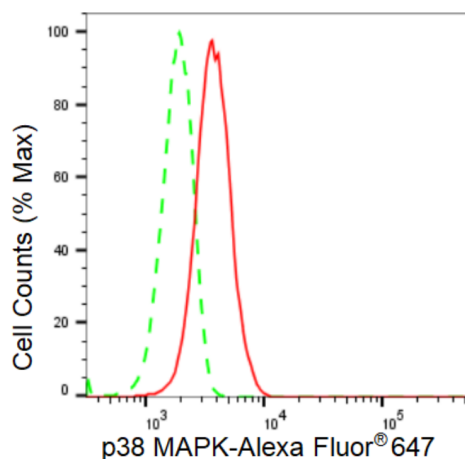
Gene Name	MAPK14
About Gene Symbol	MAPK14 (Mitogen-Activated Protein Kinase 14) is a mitogen-activated protein kinase involved in MAPK/ERK signaling and JAK-STAT/cytokine signaling. It is an important research target in inflammatory disease and is widely studied to elucidate cellular mecha



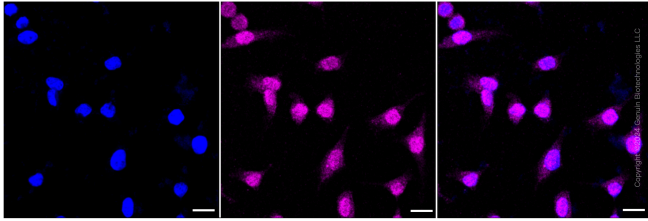
Western blotting analysis using anti-p38 MAPK antibody (Cat#ABG1452). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-p38 MAPK antibody (Cat#ABG1452, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-p38 MAPK antibody (Cat#ABG1452). p38 MAPK expression in wild type (WT) and p38 MAPK shRNA knockdown (KD) HT-1080 cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-p38 MAPK antibody (Cat#ABG1452, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of p38 MAPK expression in HeLa cells using p38 MAPK antibody (Cat#ABG1452, 1:2,000). Green, isotype control; red, p38 MAPK.



Immunocytochemical staining of HeLa cells with p38 MAPK antibody (Cat#ABG1452, 1:1,000). Nuclei were stained blue with DAPI; p38 MAPK 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.