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10-6561: Mouse Monoclonal Antibody to MAPK3 (Clone: 327CT18.1.2)(Discontinued)

Clonality :	Monoclonal
Clone Name :	327CT18.1.2
Application :	WB
Reactivity :	Human,Mouse
Gene :	MAPK3
Gene ID :	5595
Uniprot ID :	P27361
Format :	Purified
Alternative Name :	Mitogen-activated protein kinase 3, MAP kinase 3, MAPK 3, ERT2, Extracellular signal-regulated kinase 1, ERK-1, Insulin-stimulated MAP2 kinase, MAP kinase isoform p44, p44-MAPK, Microtubule-associated protein 2 kinase, p44-ERK1, MAPK3, ERK1, PRKM3
Isotype :	Mouse IgG1,Kappa
Immunogen Information :	Recombinant Protein

Description

The protein encoded by this gene is a member of the MAP kinase family. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act in a signaling cascade that regulates various cellular processes such as proliferation, differentiation, and cell cycle progression in response to a variety of extracellular signals. This kinase is activated by upstream kinases, resulting in its translocation to the nucleus where it phosphorylates nuclear targets. Alternatively spliced transcript variants encoding different protein isoforms have been described.

Product Info

Amount :	80 µl / 400 µl
Purification :	Protein G Chromatography
Content :	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage condition :	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term store at -20°C in small aliquots to prevent freeze-thaw cycles.

Application Note

WB~1:120~1000

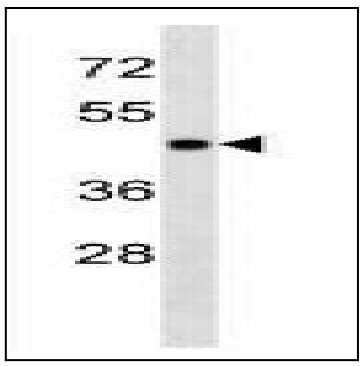

Figure 1: Western blot analysis of MAPK3 Antibody (10-6561) in MDA-MB435 cell line lysates (35Î¼g/lane). This demonstrates the MAPK3 antibody detected the MAPK3 protein.

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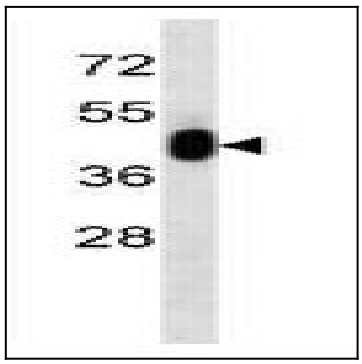

Figure 2: Western blot analysis of MAPK3 Antibody (10-6561) in mouse heart tissue lysates (35Î¼g/lane). This demonstrates the MAPK3 antibody detected the MAPK3 protein.