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Anti-Phospho-p44/42 MAPK (Erk1/2) (Thr202/Tyr204) Antibody

Mouse Anti Human Monoclonal Antibody
Catalog # AP53444

Product Information

Application	WB
Reactivity	Human, Mouse
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Immunogen	Phospho-p44/42 MAPK (Erk1/2) (Thr202/Tyr204) synthetic peptide conjugated to KLH.
Purification	Ammonium sulfate precipitation
Calculated MW	44 KDa

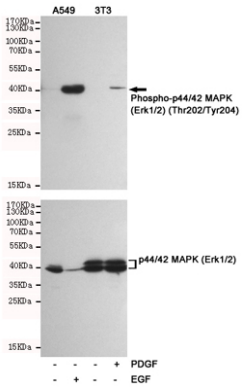
Additional Information

Other Names	ERK 1;ERK 2;ERK-2;ERK1;erk1/2;ERK2;ERT1;ERT2;Extracellular signal regulated kinase 1;Extracellular signal regulated kinase 1;Extracellular signal regulated kinase 2;Extracellular signal regulated kinase 2;Extracellular signal-regulated kinase 2;HS44KDAP;HUMKER1A;Insulin stimulated MAP2 kinase;MAP kinase 1;MAP kinase 2;MAP kinase isoform p42;MAP kinase isoform p44;MAPK 1;MAPK 2;MAPK 3;MAPK 3;MAPK1;MAPK2;MAPK3;MGC20180;Microtubule associated protein 2 kinase;Mitogen activated protein kinase 1;Mitogen activated protein kinase 1;Mitogen activated protein kinase 2;Mitogen activated protein kinase 3;Mitogen activated protein kinase 3;Mitogen-activated protein kinase 1;Mitogen-activated protein kinase 2;MK01_HUMAN;p38;p40;p41;p41mapk;p42 MAPK;p42-MAPK;p42MAPK;p42MAPK;p44 ERK1;p44 MAPK;p44ERK1;p44ERK1;p44MAPK;p44MAPK;PRKM 1;PRKM 1;PRKM 2;PRKM 2;PRKM 3;PRKM 3;PRKM1;PRKM2;PRKM3;Protein kinase mitogen activated 1;Protein kinase mitogen activated 1;Protein kinase mitogen activated 2;Protein kinase mitogen activated 2;Protein kinase mitogen activated 3;Protein kinase mitogen activated 3;Protein tyrosine kinase ERK 2;Protein tyrosine kinase ERK 2.
Dilution	WB~~1:500
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Background

Involved in both the initiation and regulation of meiosis, mitosis, and postmitotic functions in differentiated cells by phosphorylating a number of transcription factors such as ELK1. Phosphorylates EIF4EBP1; required for initiation of translation. Phosp

Images



Western blot analysis of Phospho-p44/42 MAPK (Erk1/2) (Thr202/Tyr204) from EGF-treated A549 cells and PDGF-treated NIH/3T3 cells, using Phospho-p44/42 MAPK (Erk1/2) (Thr202/Tyr204) Mouse mAb (1:500 diluted,upper) and p44/42 MAPK (Erk1/2) Mouse mAb (1:500 diluted,lower).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.