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

Mouse Anti Human Monoclonal Antibody
Catalog # AP53444

Specification

Anti-Phospho-p44/42 MAPK (Erk1/2) (Thr202/Tyr204) Antibody - 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	**44/42 KDa**

Anti-Phospho-p44/42 MAPK (Erk1/2) (Thr202/Tyr204) Antibody - 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
PBS(pH 7.4) containing with 0.09% (W/V) sodium azide and 50% glycerol.

Storage
Store at -20 °C.Stable for 12 months from date of receipt

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

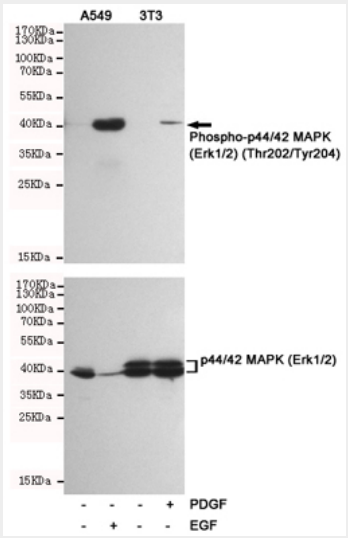
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Anti-Phospho-p44/42 MAPK (Erk1/2) (Thr202/Tyr204) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

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

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