

Anti-p44/42 MAPK (Erk1/2) Antibody

Mouse Monoclonal Antibody

Catalog # AP53412

Product Information

Application	WB
Reactivity	Human, Mouse, Rat
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Immunogen	Human p44 MAPK (Erk1) synthetic peptide conjugated to KLH.
Purification	Affinity purified
Calculated MW	42 KDa

Additional Information

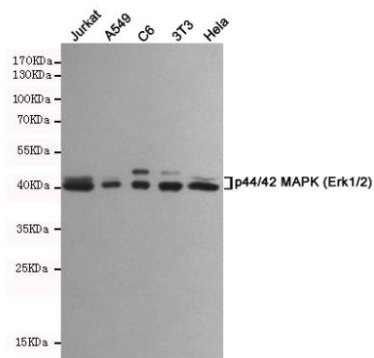
Other Names	ERK 1;ERK 2;ERK-2;ERK1;erk1/2;ERK2;ERT1;ERT2;Extracellular signal regulated kinase 1;Extracellular signal regulated kinase 1;Extracellular signal regulated kinase 2;Extracellular signal regulated kinase 2;Extracellular signal-regulated kinase 2;HS44KDAP;HUMKER1A;Insulin stimulated MAP2 kinase;MAP 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~~1:1000
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 extracts from Jurkat,A549,C6,3T3 and Hela cell lysates using p44/42 MAPK (Erk1/2) mouse mAb (1:1000 diluted).Predicted band size:42/44KDa.Observed band size:42/44KDa.

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