



# Phospho-p44/42 MAPK (Erk1/2) (Thr202/Tyr204) mouse mAb

|                   |   |
|-------------------|---|
| Catalog No        | BYab-04504  |
| Isotype           | IgG   |
| Reactivity        | Human;Mouse   |
| Applications      | WB  |
| Gene Name         | mapk  |
| Protein Name      |   |
| Immunogen         | Phospho-p44/42 MAPK (Erk1/2) (Thr202/Tyr204) synthetic peptide conjugated to KLH.   |
| Specificity       | This antibody detects endogenous levels of Phospho-p44/42 MAPK (Erk1/2) (Thr202/Tyr204).  |
| Formulation       | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.   |
| Source            | Monoclonal, Mouse   |
| Purification      | The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.  |
| Dilution          | wb dilution 1:500   |
| Concentration     | 1 mg/ml   |
| Purity            | ≥90%  |
| Storage Stability | -20°C/1 year  |
| Synonyms          | 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 |

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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

**Observed Band** 44/42kD

**Cell Pathway**

**Tissue Specificity**

**Function**

**Background**

**matters needing attention** Avoid repeated freezing and thawing!

**Usage suggestions** This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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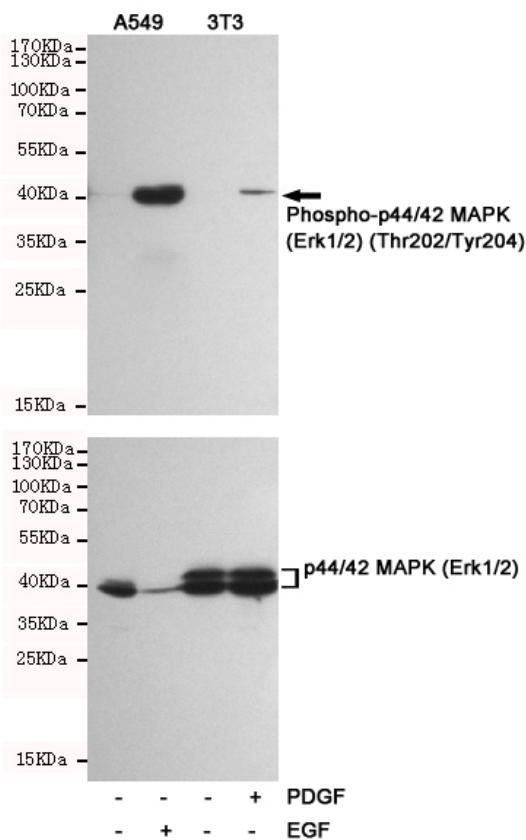
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## Products Images



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 (201245, 1:500 diluted, upper) and p44/42 MAPK (Erk1/2) Mouse mAb (201246, 1:500 diluted, lower).