



## p44/42 MAPK (Erk1/2) mouse mAb

<b>Catalog No</b>	BYab-04512
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse;Rat
<b>Applications</b>	WB
<b>Gene Name</b>	erk1/2
<b>Protein Name</b>	
<b>Immunogen</b>	Human p44 MAPK (Erk1) synthetic peptide conjugated to KLH.
<b>Specificity</b>	This antibody detects endogenous levels of p44/42 MAPK (Erk1/2) and does not cross-react with related proteins.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse
<b>Purification</b>	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	wb dilution 1:1000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	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

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2;Protein kinase

**Observed Band** 42/44kD

**Cell Pathway**

**Tissue Specificity**

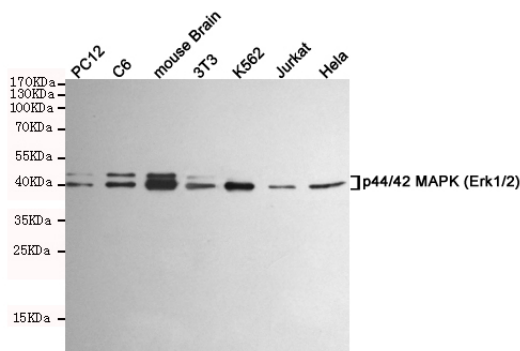
**Function**

**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.

## Products Images



Western blot analysis of extracts from PC12,C6,mouse Brain,3T3,K562,Jurkat 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.

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