

P44 42 MAPK(ERK1 2) Mouse Monoclonal Antibody(1H4)

Catalog No.: RA10163

Basic Information

Information

Reactivity	H,M,R
Immunogen	Synthetic Peptide
Host	Mouse
Isotype	IgG1
Storage Buffer & Condition	1mg/ml in PBS, pH 7.4, containing 0.02% sodium azide and 50% glycerol.
Observed MW	44,42KD

Applications

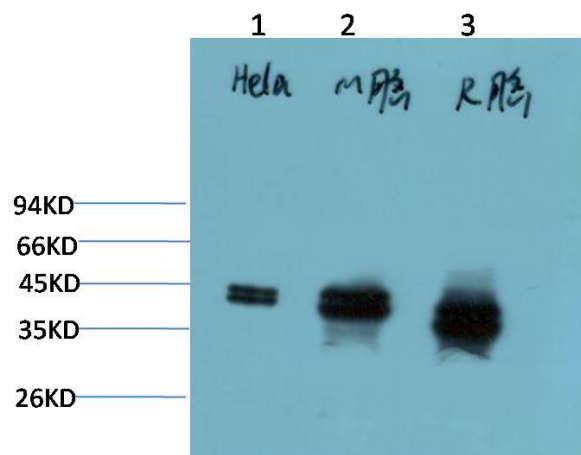
Recommended Dilution

WB	1:1,000-2,000
IHC	1:100-200

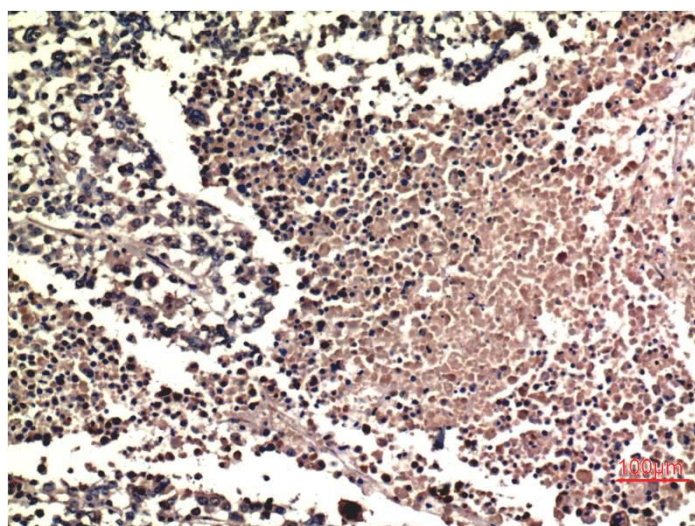
Preparation & Storage

Storage	Store at -20°C. Stable for one year from the date of shipment.
Shipping	Bule Ice

Experimental Data



Western blot analysis of 1)HeLa Cell Lysate, 2)Mouse Brain Tissue Lysate, 3)Rat Brain Tissue Lysate using ERK1/2 Mouse mAb diluted at 1:2000.



Immunohistochemical analysis of paraffin-embedded Human Lung Carcinoma Tissue using ERK1/2 Mouse mAb diluted at 1:200.

Background

Mitogen-activated protein kinases (MAPKs) are a widely conserved family of serine/threonine protein kinases involved in many cellular programs such as cell proliferation, differentiation, motility, and death. The p44/42 MAPK (Erk1/2) signaling pathway can be activated in response to a diverse range of extracellular stimuli including mitogens, growth factors, and cytokines and is an important target in the diagnosis and treatment of cancer.