P44 42 MAPK(ERK1 2)(Phospho Thr202 Tyr204) Mouse Monoclonal Antibody(4G3)

Catalog No.: RA10119

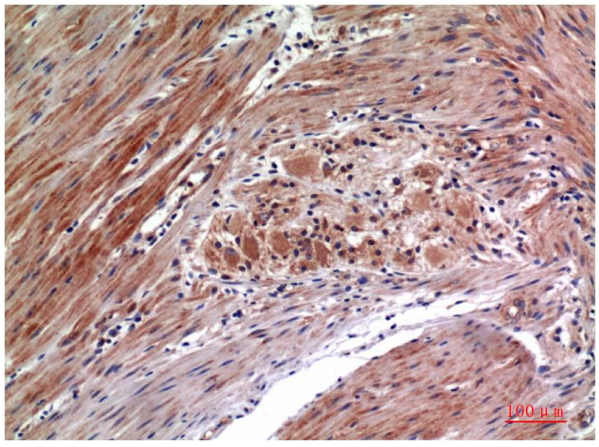
Basic Information

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

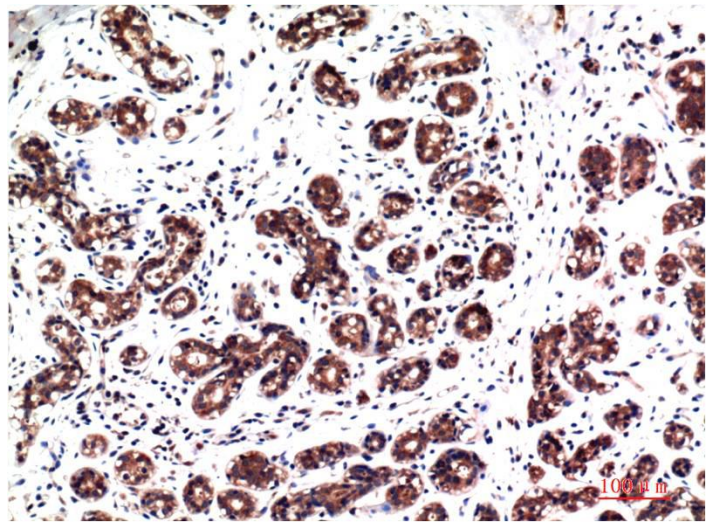
Applications	Recommended Dilution
IHC	1:100-200

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

Experimental Data



Immunohistochemical analysis of paraffin-embedded Human Colon Carcinoma Tissue using Phospho-ERK1/2 Y205/222 Mouse mAb diluted at 1:200.



Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma Tissue using Phospho-ERK1/2 Y205/222 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.