

P44/42 MAPK(ERK1/2) (Phospho Y205/222) Mouse Monoclonal Antibody(7A6)

Catalog	TDY679C	TDY679F	Tel: 010-80117836
Quantity	50μL	100μL	Web: www.tdybio.com
Entrez-Gene ID#5594/5595 , Swiss-Prot Acc.#P27361/P28482			

For research use only.

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
IHC	H,R,M	~44/42KD	IgG1

Storage Buffer & Condition: PBS, pH 7.4, containing 0.02% **sodium azide** as Preservative and 50% Glycerol.
Store at **-20°C**. **Do not aliquot the antibody.**

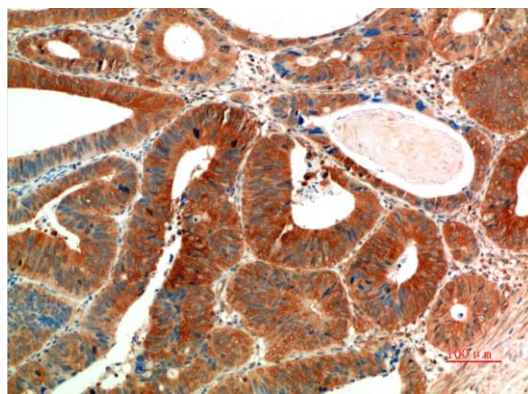
Recommended dilutions: IHC: 1:100-200

Optimal dilutions should be determined by the end user.

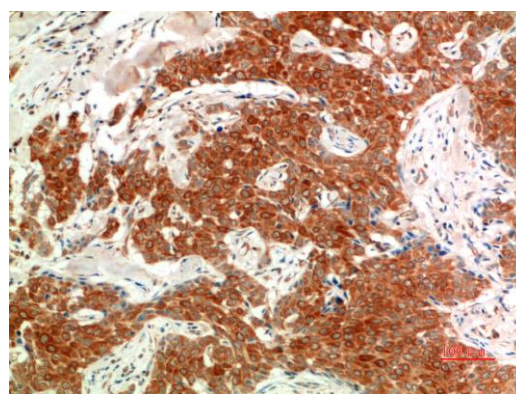
Specificity: The Antibody can detects endogenous P44/42 MAPK(ERK1/2) Phospho Y205/222 proteins.

Alternative Names: MAPK, Mitogen-activated protein Kinase, PRKM2, MK01

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.



Immunohistochemical analysis of paraffin-embedded Human Colon Carcinoma Tissue using Phospho-ERK1/2 (TDY679) Mouse mAb diluted at 1:200



Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma Tissue using Phospho-ERK1/2 (TDY679) Mouse mAb diluted at 1:200