P44 MAPK(ERK1) Mouse Monoclonal Antibody(5E9)

Catalog	TDY642C	TDY642F	Tel：010-80117836
			Web：www.tdybio.com
Quantity	50μL	100μL	Entrez-Gene ID#5594 , Swiss-Prot Acc.#P27361

For research use only.

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
IHC	**H,R,M**	**~44KD**	**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***.

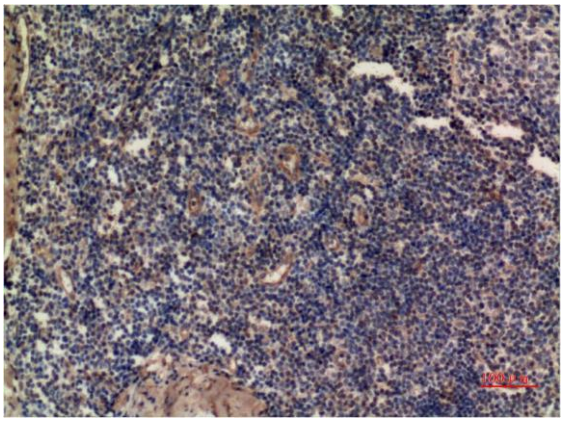
Recommended dilutions: **IHC: 1:100-200**

Optimal dilutions should be determined by the end user.

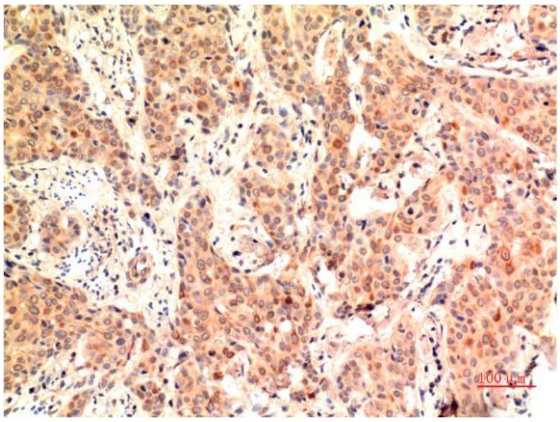
Specificity: Antibody can detects endogenous P44 MAPK(ERK1) protein.

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 Tonsil Tissue using ERK1（TDY642）Mouse mAb diluted at 1:200.



Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma Tissue using ERK1（TDY642）Mouse mAb diluted at 1:200.