

ERK5 Mouse Monoclonal Antibody (6D10)

Catalog TDY1086C TDY1086F

Tel: 010-80117836

Web: www.tdybio.com

Quantity 50μL 100μL

Entrez-Gene ID:5598 , Swiss-Prot Acc.Q13164

For research use only.

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
WB,IHC	H, R, M	115KD	IgG1

Storage Buffer & Condition: Affinity Purified IgG, PBS, pH 7.4, containing 0.02% **sodium azide** as Preservative and 50% Glycerol.

Store at **-20°C. Do not aliquot the antibody.**

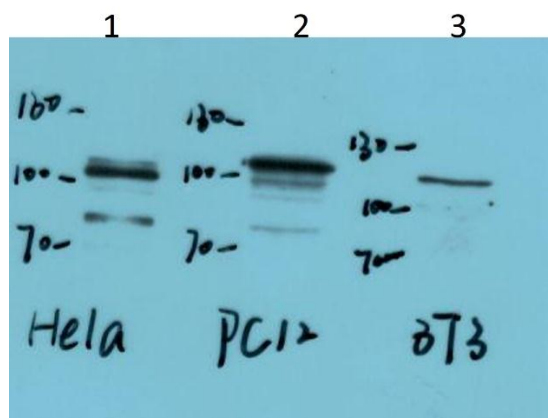
Recommended dilutions: WB: 1:1,000-2,000 IHC:1:100-200

Optimal dilutions should be determined by the end user.

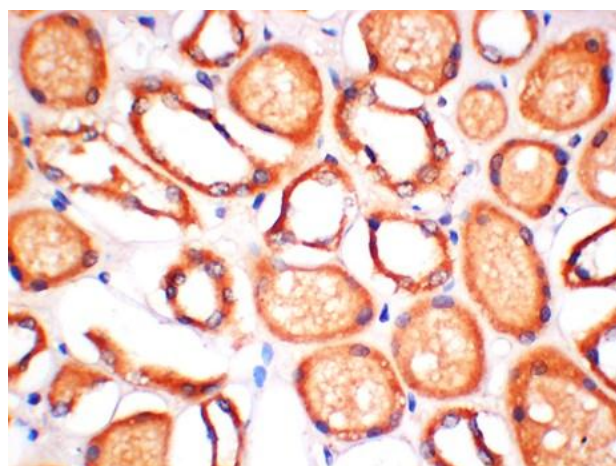
Specificity: Antibody can detects endogenous ERK5 protein.

Alternative Names: MAPK7 antibody, BMK1 antibody, MK07 antibody, PRKM7 antibody, EC 2.7.11.24 antibody

Background: ERK5, Mitogen-activated protein kinase 7 also known as MAP kinase 7 is an enzyme that in humans is encoded by the *MAPK7* gene. MAPK7 is a member of the MAP kinase family. MAP kinases act as an integration point for multiple biochemical signals, and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation and development.



Western blot analysis of 1)HeLa Cell, 2) PC12 Cell, 3)3T3 Cell Lysate using ERK5 (TDY1086) Mouse Monoclonal Antibody diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded Human Kidney Tissue using ERK5 (TDY1086) Mouse Monoclonal antibody diluted at 1:200.