

ERK5 Mouse Monoclonal Antibody(4G5)

Catalog TDY1063C TDY1063F

Tel: 010-80117836

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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	89-115KD	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.**

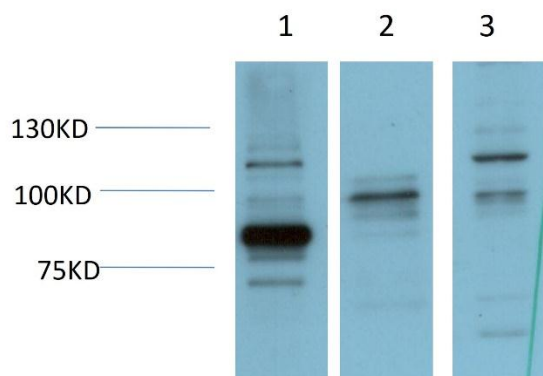
Recommended dilutions: WB: 1:1,000-2,000 IHC:1:200-500

Optimal dilutions should be determined by the end user.

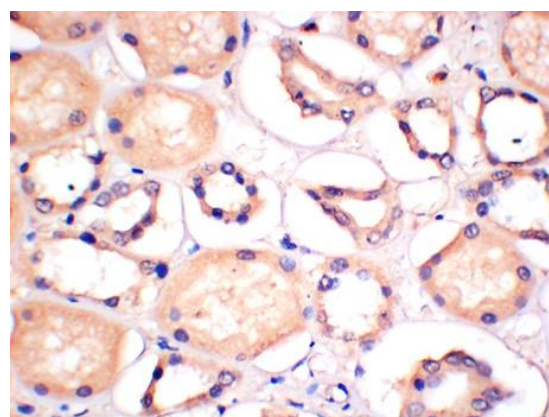
Specificity: Antibody can detects endogenous ERK5 protein.

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) 3T3 Cell, 3)PC12 Cell Lysate using ERK 5 (TDY1063) Mouse Monoclonal mAb diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded Human Kidney Tissue using ERK5 (TDY1063) Mouse Monoclonal antibody diluted at 1:200.