

ERK5 Mouse Monoclonal Antibody(6D10)

Catalog No: RA10338

Basic Information

Host species	Mouse
Applications	WB,IHC
Species Cross-Reactivity	H, R, M
Specificity	Antibody can detects endogenous ERK5 protein.
Recommended dilutions	WB: 1:1,000-2,000IHC:1:100-200 Optimal dilutions should be determined by the end user.

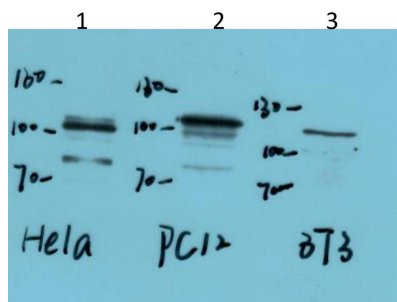
Applications

Formulation	Affinity Purified IgG, PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Concentration	1 mg/ml
Clonality	Monoclonal

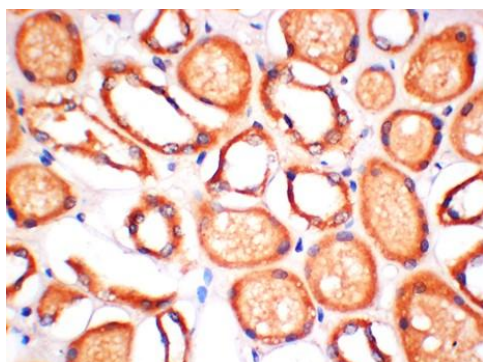
Background

Alternative Names	MAPK7 antibody, BMK1 antibody, MK07 antibody, PRKM7 antibody, EC 2.7.11.24 antibody
Observed band	115
Human Gene ID	5598
Human Swiss-Prot Number	Q13164
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.

Selected Validation Data



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



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