

ERK5 Mouse Monoclonal Antibody(6D10)

Catalog No.: RA10338

Basic Information

Information

Reactivity	H,M,R
Immunogen	Recombinant Protein
Host	Mouse
Isotype	IgG1
Storage Buffer & Condition	1mg/ml in PBS, pH 7.4, containing 0.02% sodium azide and 50% glycerol.
Observed MW	115KD

Applications

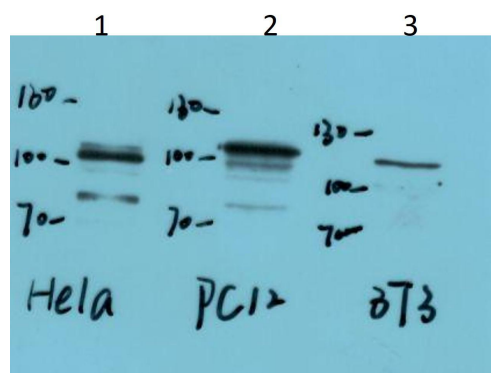
Recommended Dilution

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

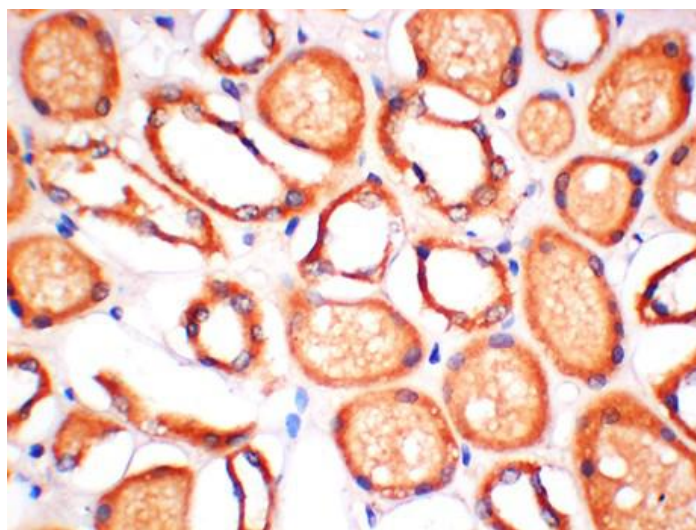
Preparation & Storage

Storage	Store at -20°C. Stable for one year from the date of shipment.
Shipping	Bule Ice

Experimental 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.

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.