

ERK5 Mouse Monoclonal Antibody(4G5)

Catalog No.: RA10313

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	89-115KD

Applications

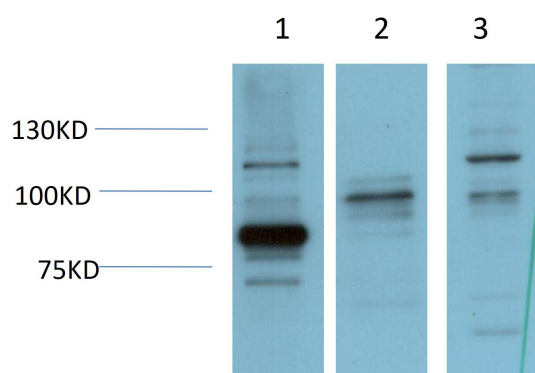
Recommended Dilution

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

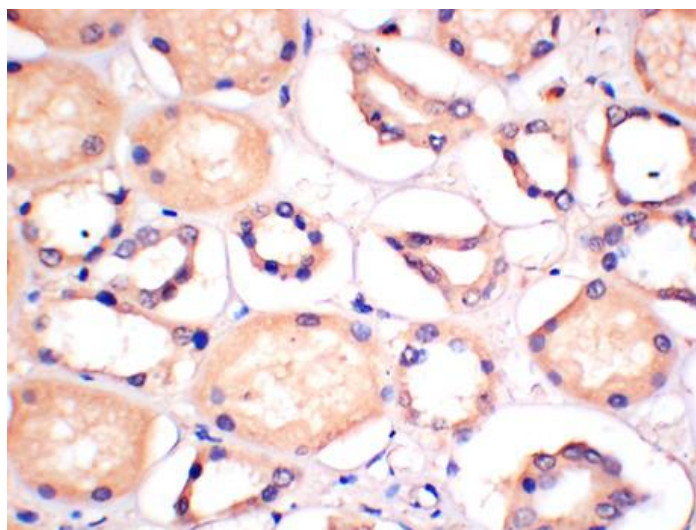
Preparation & Storage

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)3T3 Cell, 3)PC12 Cell Lysate using ERK 5 Mouse Monoclonal mAb 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.