



ERK5 Mouse mAb(6D10)

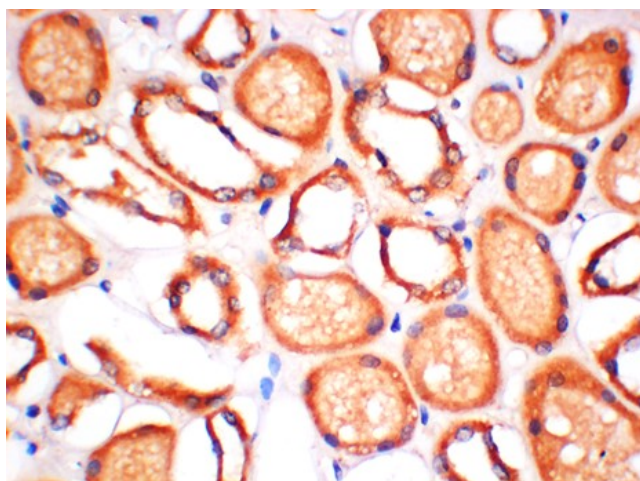
Catalog No	YP-Ab-04834
Isotype	IgG
Reactivity	Human; Mouse;Rat
Applications	IHC;WB
Gene Name	MAPK7
Immunogen	Synthesized peptide derived from human ERK5
Specificity	This antibody detects endogenous levels of ERK5 at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.79% sodium azide.
Source	Monoclonal, Mouse
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Dilution	IHC-p1:50-200 ,WB 1:1000-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	ERK 5;MAPK7;ERK5
Observed Band	115kD
Calculated Molecular Weight	115kD
Cell Pathway	Cytoplasm. Nucleus. Nucleus, PML body. Translocates to the nucleus upon activation.
Tissue Specificity	Expressed in many adult tissues. Abundant in heart, placenta, lung, kidney and skeletal muscle. Not detectable in liver.
Function	
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.
matters needing attention	Avoid repeated freezing and thawing!



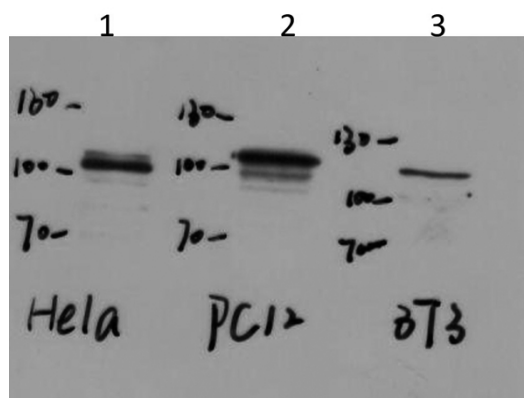
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



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



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