

Basic Information

Product Name	Anti-ERK1/2 Antibody	
Gene Name	MAPK1/MAPK3	
Source	Rabbit	
Isotype	IgG	
Species Reactivity	human, mouse, rat	
Tested Application	WB, ICC/IF, IP, FCM	
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.	
Immunogen	A synthesized peptide derived from human ERK1/2	
concentration	500ug/ml	
Purification	Affinity-chromatography	
Observed MW	42,44KD	
Dilution Ratios	Western blot (WB): 1:500-2000 Immunocytochemistry/Immunofluorescence (ICC/IF):1:20-100 ImmunoPrecipitation (IP): 1:20 Flow cytometry (FCM): 1:20	

Storage

12 months from date of receipt, -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.

Background Information

ERK1 p42 MAP kinase plays a critical role in the regulation of cell growth and differentiation. Activated by a wide variety of extracellular signals including growth and neurotrophic factors, cytokines, hormones and neurotransmitters. ERK2 p44 MAP kinase plays a critical role in the regulation of cell growth and differentiation. Acts as an integration point for multiple biochemical signals, and is involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation and development.

Reference

Anti-ERK1/2 Antibody被引用在14文献中。

Selected Validation Data

