

ERK5 (Phospho-Thr219 + Tyr221) Antibody HRP Conjugated

Catalog No: #C01299H

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Description

Product Name	ERK5 (Phospho-Thr219 + Tyr221) Antibody HRP Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IHC ICC
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic phosphopeptide derived from human ERK5 around the phosphorylation site of Thr219 + Tyr221
Conjugates	HRP
Target Name	ERK5 Thr219 + Tyr221
Other Names	ERK5 phospho Thr219 + Tyr221; ERK5 phospho Thr219 + Tyr221; Big MAP kinase 1; BMK 1; BMK 1 kinase; BMK-1; BMK1; BMK1 Kinase; EC 2.7.11.24; ERK 4; ERK 5; ERK-5; ERK4; ERK5; Extracellular Signal Regulated Kinase 5; Extracellular signal-regulated kinase 5; MAP kinase 7; MAPK 7; MAPK7; Mitogen Activated
Excitation Emission	N A
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

IHC-P=1:50-200 IHC-F=1:50-200 ICC=1:50-200

Background

The protein encoded by this gene 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. This kinase is specifically activated by mitogen-activated protein kinase kinase 5 (MAP2K5 MEK5). It is involved in the downstream signaling processes of various receptor molecules including receptor type kinases, and G protein-coupled receptors. In response to extracellular signals, this kinase translocates to cell nucleus, where it regulates gene expression by phosphorylating, and activating different transcription factors. Four alternatively spliced transcript variants of this gene encoding two distinct isoforms have been reported. [provided by RefSeq, Jul 2008]

Note: This product is for in vitro research use only