

Phospho-ERK 1/2 (Y222/205)mouse mAb(4G3) antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A19784	Mouse	1 mg/ml	

Applications	IHC
Reactivity	Human,Rat,Mouse
Dilution	IHC 1:100-200
Storage	-20°C/1 year
Specificity	Phospho-ERK 1/2 (Y222/205)protein detects endogenous levels of MAPK1/MAPK3
Source / Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Immunogen	Synthetic Peptide of Phospho-ERK 1/2 (Y222/205) at AA range of 140-220
Uniprot No	P27361/P28482
Alternative names	MAPK1/MAPK3
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Clonality	Monoclonal
Isotype	IgG
Conjugation	
Background	mitogen-activated protein kinase 3(MAPK3) Homo sapiens The protein encoded by this gene is a member of the MAP kinase family. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act in a signaling cascade that regulates various cellular processes such as proliferation, differentiation, and cell cycle progression in response to a variety of extracellular signals. This kinase is activated by upstream kinases, resulting in its translocation to the nucleus where it phosphorylates nuclear targets. Alternatively spliced transcript variants encoding different protein isoforms have been described. [provided by RefSeq, Jul 2008],
Other	MAPK1/MAPK3, MAPK1/MAPK3
Product Images:	

Application Key:

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry CHIP-Chromatin Immunoprecipitation

IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

Species Cross-Reactivity Key:

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster

X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All

Species Expected

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