



Rabbit Anti-MAP2K3 monoclonal antibody, clone KK098-10 (CABT-L832)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	MEK3+MEK6
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Clone	KK098-10
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC/IF, IHC, IP, FC
Molecular Weight	39/37 kDa
Cellular Localization	Cytoplasm, Nucleus.
Positive Control	Jurkat, NIH/3T3, Hela, HepG2, human spleen tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide

Storage

Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction

A family of protein kinases located upstream of the MAP kinases and responsible for their activation has been identified. The prototype member of this family, designated MAP kinase kinase, or MEK-1, specifically phosphorylates the MAP kinase regulatory threonine and tyrosine residues present in the Thr-Glu-Tyr motif of ERK. A second MEK family member, MEK-2, resembles MEK-1 in its substrate specificity. MEK-3 (or MKK-3) functions to activate p38 MAP kinase, and MEK-4 (also called SEK1 or MKK-4) activates both p38 and JNK MAP kinases. MEK-5 appears to specifically phosphorylate ERK5, whereas MEK-6 phosphorylates p38 and p38b. MEK-7 (or MKK-7) phosphorylates and activates the JNK signal transduction pathway.

Keywords

Dual specificity mitogen activated protein kinase kinase 6;Dual specificity mitogen-activated protein kinase kinase 3;MAP kinase kinase 3;MAP kinase kinase 6;map2k3;MAP2K6;MAPK/ERK kinase 3;MAPK/ERK kinase 6;MAPKK 3;MAPKK 6;MAPKK3;MAPKK6;MEK 3;MEK 6;Mitogen activated protein kinase kinase 3;Mitogen activated protein kinase kinase 6;MKK3;MKK6;MP2K3_HUMAN;PRKMK3;PRKMK6;Protein kinase, mitogen activated, kinase 6 (MAP kinase kinase 6);SAPK kinase 2;SAPKK 3;SAPKK-2;SAPKK2;SAPKK3;Stress activated protein kinase kinase 3;Stress-activated protein kinase kinase 2 antibody
