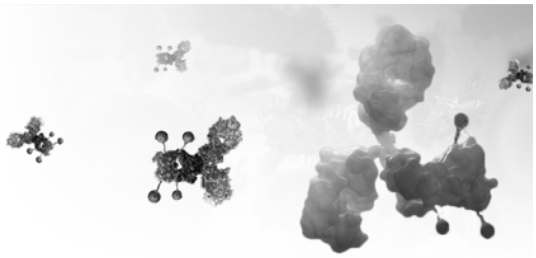

Rabbit Anti-MEK1 + MEK2 monoclonal antibody, clone TS24-18 (CABT-L584)

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

PRODUCT INFORMATION

Target	MEK1/2
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat, zebrafish
Clone	TS24-18
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC/IF, IHC, IP
Molecular Weight	44 kDa
Cellular Localization	Cytoplasm, Nucleus, Membrane, Mitochondrion
Positive Control	PC12, NIH/3T3, A549, HepG2, human kidney tissue, mouse kidney tissue, mouse lung tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide

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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	AA589381;CFC3;Dual specificity mitogen-activated protein kinase kinase 1;Dual specificity mitogen-activated protein kinase kinase 2;EC 2.7.12.2;ERK activator kinase 1;ERK activator kinase 2;FLJ26075;MAP kinase kinase 1;MAP kinase kinase 2;MAP2K1;MAP2K2;MAPK/ERK kinase 1;MAPK/ERK kinase 2;MAPKK 1;MAPKK1;MAPKK2;MEK 1;MEK1;MEKK1;Mitogen activated protein kinase kinase 1;Mitogen activated protein kinase kinase 2;Mitogen-activated protein kinase kinase 2, p45;MK2;MKK 1;MKK 2;MKK1;MKK2;MP2K1_HUMAN;PRKMK 1;PRKMK 2;Prkmk1;Prkmk2;protein kinase, mitogen-activated, kinase 1 (MAP kinase kinase 1);Protein kinase, mitogen-activated, kinase 1;Protein kinase, mitogen-activated, kinase 2 antibody

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