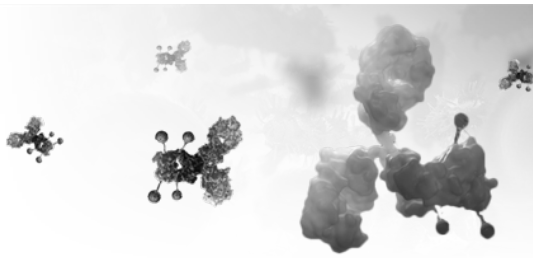

Rabbit Anti-MAP2K2 monoclonal antibody, clone TE318-19 (CABT-L796)

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

PRODUCT INFORMATION

Target	MEK2
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse
Clone	TE318-19
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC/IF, IHC, IP, FC
Molecular Weight	44 kDa
Cellular Localization	Cytoplasm, Membrane.
Positive Control	NIH/3T3, MCF-7, Hela, 293T, human liver cancer tissue, human spleen tissue, human breast carcinoma tissue, mouse lung tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.

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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	Cardiofaciocutaneous syndrome;CFC syndrome;CFC4;Dual specificity mitogen activated protein kinase kinase 2;Dual specificity mitogen-activated protein kinase kinase 2;ERK activator kinase 2;FLJ26075;MAP kinase kinase 2;map2k2;MAPK / ERK kinase 2;MAPK/ERK kinase 2;MAPKK 2;MAPKK2;MEK 2;MEK2;Microtubule associated protein kinase kinase 2;Mitogen activated protein kinase kinase 2;Mitogen activated protein kinase kinase 2 p45;MKK 2;MKK2;MP2K2_HUMAN;OTTHUMP00000165826;OTTHUMP00000165827;PRKMK 2;PRKMK2 antibody

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