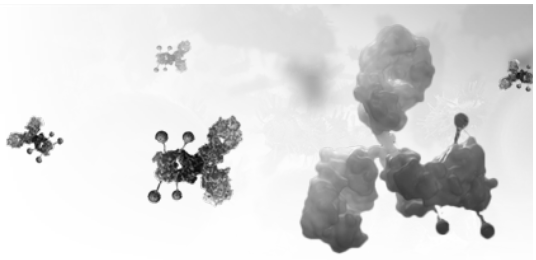

Rabbit Anti-Human MAP2K5 monoclonal antibody, clone TE319-7 (CABT-L784)

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

PRODUCT INFORMATION

Target	MEK5
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	TE319-7
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC/IF
Molecular Weight	49 kDa
Cellular Localization	Cytoplasm, Nucleus
Positive Control	A431, SW480, Hela.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

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 5;Dual specificity mitogen-activated protein kinase kinase 5;EC 2.7.12.2;HsT17454;MAP kinase kinase 5;MAP kinase kinase MEK5b;MAP2K5;MAPK/ERK kinase 5;MAPKK 5;MAPKK5;MEK 5;mitogen-activated protein kinase kinase 5;MKK5;MP2K5_HUMAN;PRKMK5;Protein kinase, mitogen-activated, kinase 5;SAPKK5;SKK5 antibody

GENE INFORMATION

Entrez Gene ID	5607
UniProt ID	Q13163

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221