



Magic™ Anti-MEK1/2 (Phospho T292) polyclonal antibody (DPAB2967)

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

PRODUCT INFORMATION

Product Overview	Recognizes the ~45 kDa MEK1/2 protein phosphorylated at Thr292. Does not recognize unphosphorylated MEK1/2 in PMA-treated NIH3T3 cells.
Specificity	human
Target	MEK1/2
Immunogen	a synthetic phosphopeptide corresponding to amino acids surrounding the Thr292 phosphorylationsite human of MEK1/2
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Conjugate	Unconjugated
Applications	IHC, ELISA, Dot, WB
Format	Liquid. In 150 mMNaCl, 10 mMHePes, 100 g/ml BSA, 50% glycerol, pH 7.5.
Preservative	None
Storage	-20°C. Avoid freeze/thaw

BACKGROUND

Introduction	Mitogen activated protein kinase kinase 1 + 2 (MAPKK1 + MAPKK2) are members of a protein kinase family that activate the ERK 1 + 2/MAPK enzymes by phosphorylating both residues
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within the threonine – glutamic acid – tyrosine (TEY) motif in the activation loop. MEK 1 + 2 are also activated by dual-phosphorylation, which occurs on serines 218 and 222, in the activation loop of the MEKs.

Keywords

AA589381; 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; MAP2

GENE INFORMATION

Entrez Gene ID

[5604](#)

UniProt ID

[A4QPA9](#)
