



Magic™ Anti-MEK1 (Phospho T286) polyclonal antibody (DPABH-23828)

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

PRODUCT INFORMATION

Antigen Description	Catalyzes the concomitant phosphorylation of a threonine and a tyrosine residue in a Thr-Glu-Tyr sequence located in MAP kinases. Activates ERK1 and ERK2 MAP kinases.
Target	MEK1
Immunogen	Synthetic peptide corresponding to amino acids surrounding Threonine 286 of Human MEK1 when the Threonine residue is phosphorylated (NP_002746.1).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	IP
Procedure	Phospho-specific Antibodies
Format	Liquid
Size	100 µg
Buffer	Constituent: 99% Tris citrate/phosphate Note: pH 7-8
Preservative	0.09% Sodium Azide
Storage	Store at 4°C.

GENE INFORMATION

Gene Name	MAP2K1 mitogen-activated protein kinase kinase 2 [Homo sapiens]
Official Symbol	MAP2K1
Synonyms	MAP2K1; mitogen-activated protein kinase kinase 1; CFC3; MEK1; MKK1; MAPKK1; PRKMK1;

dual specificity mitogen-activated protein kinase kinase 1; MEK 1; MAPKK 1; MAPK/ERK kinase 1; ERK activator kinase 1; protein kinase, mitogen-activated, kinase 1 (MAP kinase kinase 1);

Entrez Gene ID	5604
Protein Refseq	NP_002746.1
UniProt ID	A4QPA9
Pathway	AGE/RAGE pathway; Activated TLR4 signalling; Acute myeloid leukemia; Alcoholism
Function	ATP binding; MAP kinase kinase activity; Ras GTPase binding; mitogen-activated protein kinase kinase kinase binding
