



# ELK Biotechnology

MEK1 Rabbit pAb

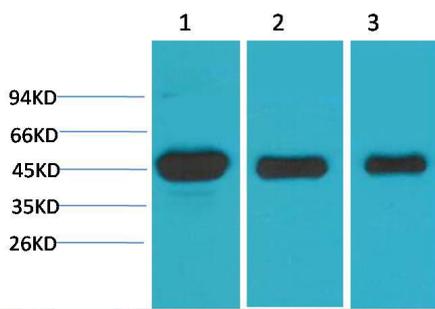
Catalog NO.: EA219

For research use only.

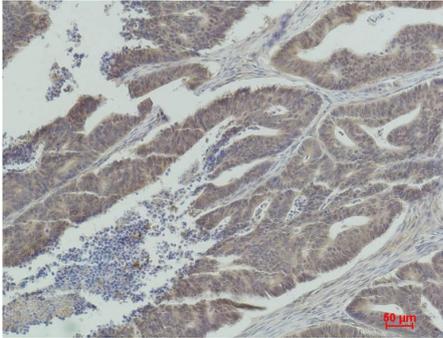
## Overview

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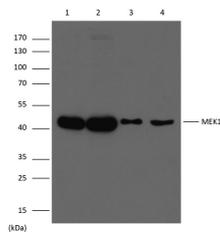
Product name	MEK1 Rabbit polyclonal antibody
Source	Rabbit
Applications	<b>WB, IHC</b>
Species reactivity	<b>Human, Rat, Mouse</b>
Recommended dilutions	<b>WesternBlot:1/1000-2000</b> <b>Immunohistochemistry:1/100-200</b> <b>NOTE: Optimal dilutions should be determined by the end user.</b>
Immunogen	Recombinant Protein
Species	Human
Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20° C. Avoid repeated freeze-thaw cycles.
Isotype	IgG
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	<b>45kDa</b>
GenelD (Human)	5604
Human Swiss-Prot No.	Q02750
Cellular localization	N/A
Alternative Names	ERK activator kinase 1 antibody, MAPK kinase kinase 1 antibody, MEKK1 antibody, MKK1 antibody, PRKMK 1 antibody
Background	MEK1 and MEK2, also called MAPK or Erk kinases, are dual-specificity protein kinases that function in a mitogen activated protein kinase cascade controlling cell growth and differentiation. 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.



Western blot analysis of 1) HeLa, 2)3T3, 3)PC12 with MEK1 Rabbit pAb EA219 diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded Human Colon Carcinoma using MEK1 (EA219) Rabbit pAb diluted at 1:200.



Western blot analysis of extracts from MG63 (Lane 1),MCF-7 (Lane 2), 3T3 (Lane 3), Rat Kidney (Lane 4), using MEK1 diluted at 1:50,000.