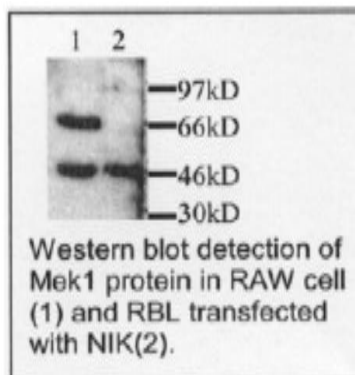


## Map2k1

### Rabbit Anti-Mouse MEK 1 pAb

<b>Catalog No.</b>	CPM200	<b>Quantity:</b>	200 µg
<b>Alternate Names:</b>	Dual specificity mitogen-activated protein kinase kinase 1, ERK activator kinase 1, MAP kinase kinase 1, MAPKK 1, MAPK/ERK kinase 1		
<b>Description:</b>	MEK1 is one of the MEKs that are upstream of the MAPK ERK1/2. MEK1 is a dual-specific protein kinase that phosphorylates ERK1/2 on both threonine and tyrosine residues in the sequence TEY. Phosphorylation of these residues dramatically activates ERK1/2, which then phosphorylate their downstream substrate. MEK1 contains 393 amino acids and has a calculated molecular weight of 43.47 kDa. MEK1 itself is regulated by phosphorylation by one of the MEK kinases.		
<b>UniProt ID:</b>	P31938		
<b>Specificity:</b>	Mouse and human MEK 1		
<b>Host:</b>	Rabbit		
<b>Immunogen:</b>	<i>E. coli</i> -expressed Mouse full-length MEK 1		
<b>Isotype:</b>	IgG		
<b>Formulation:</b>	Lyophilized with 0.1% Sodium Azide. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
<b>Purification:</b>	Protein A affinity chromatography		
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> Reconstitute to 1 mg/ml by adding 200 µl PBS		
<b>Cross-Reactivity:</b>	Cross-reactivity to other kinases has not been determined.		
<b>Applications:</b>	<b>Western Blot and Immunoprecipitation:</b> 1: 2,000. The optimal concentration should be determined by the user for each specific application.		
<b>Storage &amp; Stability:</b>	Store at 2-8°C for short term or store in working aliquots at -20°C to -80°C for up to 1 year. <b>Avoid repeated freeze-thaw cycles.</b>		



NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

