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Product datasheet for TA384708

MEK1 (MAP2K1) Rabbit Monoclonal Antibody [Clone ID: R08-6A7]

Product data:

Product Type:	Primary Antibodies
Clone Name:	R08-6A7
Applications:	IF, IHC, IP, WB
Recommended Dilution:	WB: 1/1000 IHC: 1/100 ICC/IF: 1/20 IP: 1/20
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	Recombinant protein of human MEK1/2
Formulation:	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Stability:	1 year
Predicted Protein Size:	Calculated MW: 43 kDa; Observed MW: 43 kDa
Gene Name:	mitogen-activated protein kinase kinase 1
Database Link:	Entrez Gene 5604 Human Q02750
Background:	Swiss-Prot Acc.P36507.Catalyzes the concomitant phosphorylation of a threonine and a tyrosine residue in a Thr-Glu-Tyr sequence located in MAP kinases. Activates the ERK1 and ERK2 MAP kinases .
Synonyms:	MAPKK1; MEK1; MKK1; PRKMK1

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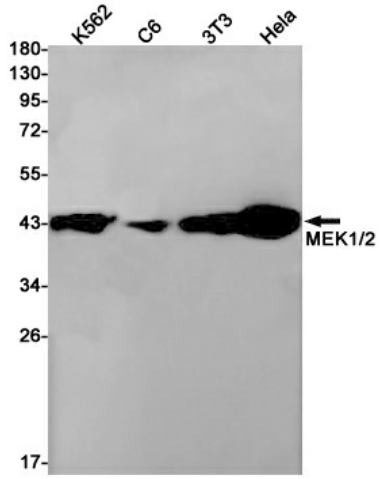
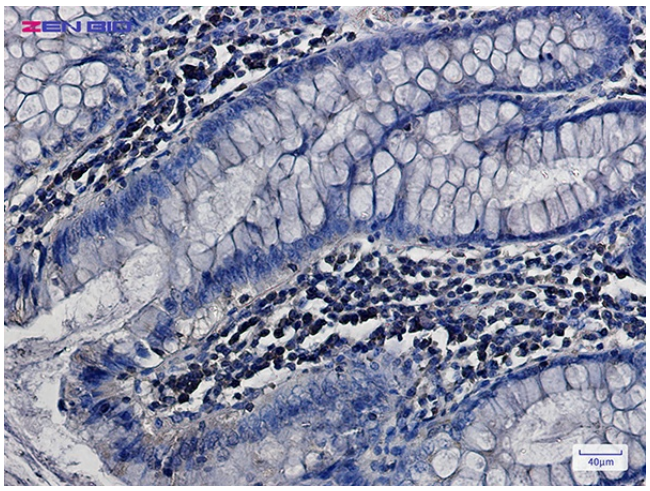
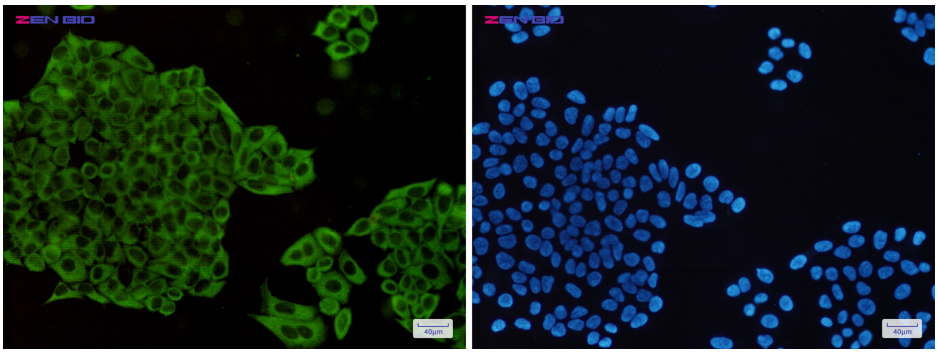
Product images:



Western blot detection of MEK1/2 in K562,C6,3T3,Hela cell lysates using MEK1/2 Rabbit mAb(1:1000 diluted).Predicted band size:43kDa.Observed band size:43kDa.



Immunohistochemistry of MEK1/2 in paraffin-embedded Human colon cancer tissue using MEK1/2 Rabbit mAb at dilution 1/5



Immunocytochemistry of MEK1/2(green) in Hela cells using MEK1/2 Rabbit mAb at dilution 1/50, and DAPI(blue)