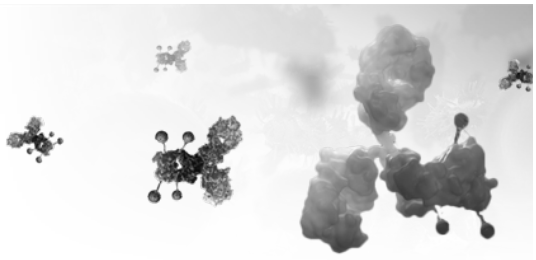

Rabbit Anti-Human MEK2 monoclonal antibody, clone C20I47M9 (CABT-L1456)

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

PRODUCT INFORMATION

Specificity	This antibody is predicted to react with bovine, chicken, mouse and rat based on sequence homology.
Target	MAP2K2
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	C20I47M9
Purification	Protein A Purified
Conjugate	Unconjugated
Applications	FC, ICC, IF, WB
Format	Liquid
Concentration	0.5 mg/ml
Buffer	PBS
Preservative	0.09% Sodium Azide
Storage	Maintain refrigerated at 2-8°C for up to 1 month. For long term storage store at -20°C

BACKGROUND

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Introduction	MEK2 belongs to the family of mitogen-activated protein kinase kinases that phosphorylate threonine and tyrosine residues within the activation loop of their MAP kinase substrates. The ERK1/2 MAP kinase signaling pathway is an integral part of cell proliferation control and is frequently activated in human colorectal cancer. Activation of MEK1 and MEK2 occurs through phosphorylation of two serine residues at positions 217 and 221 and is activated by a wide variety of growth factors and cytokines and also by membrane depolarization and calcium influx.
Keywords	MAP2K2;mitogen-activated protein kinase kinase 2;CFC4;MEK2;MKK2;MAPKK2;PRKMK2;dual specificity mitogen-activated protein kinase kinase 2;MAPK/ERK kinase 2;MAP kinase kinase 2;ERK activator kinase 2;mitogen-activated protein kinase kinase 2, p45

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