



Rabbit Anti-Human MEK1/MEK2 (phospho Ser221) monoclonal antibody, clone L.853.2 (CABT-L1455)

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

PRODUCT INFORMATION

Target	MAP2K1; MAP2K2
Immunogen	Synthetic phosphopeptide corresponding to residues surrounding pSer221 of human MEK1/2
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Dog, Human, Mouse, Non-human primate, Rat
Clone	L.853.2
Purification	Affinity Purified
Conjugate	Unconjugated
Applications	FC, IHC-P, WB
Format	Liquid
Buffer	0.01M HEPES, pH 7.5, with 0.15M NaCl, 100µg/ml BSA, 50% glycerol
Preservative	See individual product datasheet
Storage	-20°C

BACKGROUND

Introduction

The protein encoded by this gene is a member of the dual specificity protein kinase family, which acts as a mitogen-activated protein (MAP) kinase kinase. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act as an integration point for multiple biochemical signals. This protein kinase lies upstream of MAP kinases and stimulates the enzymatic activity of MAP kinases upon wide variety of extra- and intracellular signals. As an essential component of MAP kinase signal transduction pathway, this kinase is involved in many cellular processes such as proliferation, differentiation, transcription regulation and development.

Keywords

CFC4;MAP2K1;MAP2K2;MAPKK1;MAPKK2;MEK1;MEK2;MEKK1;MK2;MKK1;MKK2;PRKMK1;PRKMK2