Datasheet for ABIN7565799

anti-MEK2 antibody (C-Term)

Go to Product page

Overview

Quantity:	25 µL
Target:	MEK2 (MAP2K2)
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MEK2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	MEK2 C-Term Antibody
Immunogen:	Immunogen: Anti-MEK2 Monoclonal Antibody was produced in mice by repeated immunizations with synthetic peptide corresponding to amino acid residues near the C-terminus conjugated to KLH. Immunogen Type: Conjugated Peptide
Clone:	12A6-G1-G11
Isotype:	IgG1 kappa
Cross-Reactivity (Details):	This protein A purified mouse monoclonal antibody reacts specifically with human MEK2.
Characteristics:	Synonyms: mouse anti-MEK2 Antibody, MAP2K2, MEK, MEK 2, MKK2, PRKMK2, CFC4, MEK-2 Antibody

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Product Details

Purification:	Anti-MEK2 is purified from tissue culture supernatant by protein A purification.
Sterility:	Sterile filtered

Target Details

Target:	MEK2 (MAP2K2)
Alternative Name:	MAP2K2 (MAP2K2 Products)
Background:	Background: MEK2 antibodies detect the MEK2 isoform. Mitogen-activated protein kinase kinase 2, also known as MEK2 or MKK2, is an integral component of the MAP kinase cascade that regulates cell growth and differentiation. This pathway also plays a key role in synaptic plasticity in the brain. Activated MEK 2 acts as a dual specificity kinase phosphorylating both a threonine and a tyrosine residue on MAP kinase. MEK1 and MEK2 are about 80 % identical to each other, and nearly identical within the kinase domain. This antibody does not react with MEK1. The MEK2 antibody is ideal for investigators involved in Neuroscience, Cell Signaling and Cancer Research.
UniProt:	P36507
Pathways:	MAPK Signaling, RTK Signaling, Fc-epsilon Receptor Signaling Pathway, Neurotrophin Signaling Pathway, Activation of Innate immune Response, Toll-Like Receptors Cascades, Signaling of Hepatocyte Growth Factor Receptor, BCR Signaling

Application Details

Application Notes:	Application Note: Anti-MEK 2 (MOUSE) antibody has been tested by ELISA and Western Blotting. Specific conditions of reactivity should be optimized by the end user. Expect a band of approximately 44 kDa. Western Blot Dilution: 1 µg/mL ELISA Dilution: 1:40,000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1.00 mg/mL
Buffer:	Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Stabilizer: None Preservative: 0.01 % (w/v) Sodium Azide

Handling

Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store vial at -20° C or below prior to opening. This vial contains a relatively low volume of reagent (25 µL). To minimize loss of volume dilute 1:10 by adding 225 µL of the buffer stated above directly to the vial. Recap, mix thoroughly and briefly centrifuge to collect the volume at the bottom of the vial. Use this intermediate dilution when calculating final dilutions as recommended below. Store the vial at -20°C or below after dilution. Avoid cycles of freezing and thawing.
Expiry Date:	12 months

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