Datasheet for ABIN126838

anti-MEK2 antibody

1 Image

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Overview

Quantity:	0.1 mg
Target:	MEK2 (MAP2K2)
Reactivity:	Human, Mouse, Rat, Dog
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MEK2 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Synthetic peptide conjugated to KLH
Clone:	8-00E-008
Isotype:	IgG1
Specificity:	This antibody specifically recognizes the N-terminus of MEK2 at 45 kDa.
Characteristics:	Synonyms: MAP kinase kinase 2, ERK activator kinase 2, MAPK/ERK kinase 2, MEK2, MKK2, MAPkinase kinase 2, Dual specificity mitogen-activated protein kinase kinase 2
Purification:	Size exclusion chromatography
Components:	incl. positive Control

Target Details

Target:	MEK2 (MAP2K2)

Target Details

Alternative Name:	MAPKK 2 (MAP2K2 Products)
Background:	MEK (MAP Kinase Kinase) phosphorylates the MAP Kinase on both threonine and tyrosine residues of the activation motif TEY. MEK1 and MEK2 are activated by phosphorylation of two serine residues (Ser 218/222 in MEK1 and Ser 222/226 in MEK2). These phosphorylation sites are substrates of the Raf family of kinases.Synonyms: Dual specificity mitogen-activated protein kinase kinase 2, ERK activator kinase 2, MAP kinase kinase 2, MAPK/ERK kinase 2, MEK2, MKK2
Gene ID:	5605
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:	Western Blot: 0.5 µg/mL for HRPO/ECL detection. Recommended blocking buffer: Casein/Tween 20 based blocking and blot incubationbuffer. Positive Control: Cell lysate from untreated HepG2 cells. ELISA: 0.1 µg/mL (protein ELISA). Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

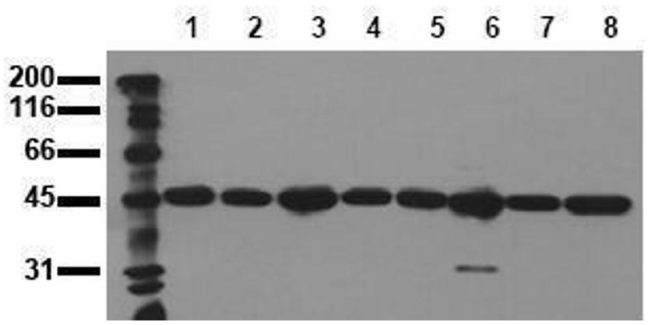
Handling

Reconstitution:	Restore with 1 mL H2O (15 min, RT)
Buffer:	1 mLPBS / 0.09 % Na-azide / PEG and Sucrose
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/-80 °C
Storage Comment:	Store lyophilized (preferably in a desiccator) at -20 °C and reconstituted (aliquote andfreeze in liquid nitrogen) at -80 °C. Avoid repeated freezing and thawing. Thaw aliquots at 37 °C. Thawed aliquots may be stored at 4 °C up to 3 months.

Handling

	Shelf life: one year from despatch.
Expiry Date:	12 months

Images



Western Blotting

Image 1.