Order Information

Description: Rabbit anti-MEK1/2
Catalogue#: 500-7854
Lot#: See the label
Size: 100 ug/200 ul
Host: Rabbit
Clone: N/A
Application: ELISA, WB
Reactivity: Hu, Ms, Rt, Ck

Rabbit anti MEK1/2 Antibody

Alternate Names: MAPKK1/2, MEK1/2.

ANTIGEN PREPARATION

A synthetic peptide corresponding to internal sequence of human MEK1/2. This sequence is identical among human, rat, mouse, chicken.

BACKGROUND

The MEK1 & 2 (MAPKK1/2) are members of tyrosine/threonine protein kinase family that activate the ERK1+2/MAPK enzymes by phosphorylation. MEK 1 + 2 are also activated by dual-phosphorylation, which occurs on serine 218 and 222, in the activation loop of the MEKs. The MEK1 & 2 are regulated by phosphorylation by one of the MEK kinases.

PURIFICATION

The Rabbit IgG is purified by Site-specific Epitope Affinity Purification.

FORMULATION

This affinity purified antibody is supplied in sterile Phosphate-buffered saline (pH7.2) containing antibody stabilizer

SPECIFICITY

This antibody recognizes ~44/45 kDa of human MEK1/2 protein. This antibody also reacts with mouse and rat, chicken. The other species are not tested.

STORAGE

The antibodies are stable for 12 months from date of receipt when stored at –20°C to –70°C. The antibodies can be stored at 2°C-8°C for three month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

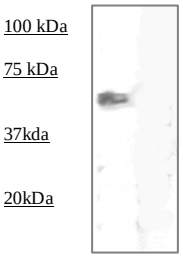
APPLICATIONS/SUGGESTED WORKING DILUTIONS

Western Blot	0.1-1 µg/ml
ELISA	0.01-0.1 µg/ml
Immunoprecipitation	2-5 µg/ml
IHC	Not tested
Flow cytometry	Not tested

MOLECULAR WEIGHT:	44 kDa
POSITIVE CONTROL:	3T3
CELLULAR LOCATION:	N/A

Optimal dilutions should be determined by researchers for the specific applications.

DATA ATTACHMENTS



Western Blot:
The whole cell lysates derived from 3T3 were immunoblotted by Rabbit anti-MEK1/2 (Cat#500-7854) at 1:1000 .

REFERENCES

Ali R. Jazirehi, et al. Inhibition of the Raf–MEK1/2–ERK1/2 Signaling Pathway, Bcl-xL Down-Regulation, and Chemosensitization of Non-Hodgkin's Lymphoma B Cells by Rituximab. CANCER RESEARCH 64, 7117–7126, October 1, 2004

FOR RESEARCH USE ONLY.

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