

Product Datasheet

MEK2 (MAP2K2) Antibody (N-term) (orb1928730)

Catalog Number	orb1928730
Category	Antibodies
Description	Purified Rabbit Polyclonal Antibody (Pab)
Target	MAP2K2
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	Rabbit IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Form/Appearance	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Immunogen	This MEK2 (MAP2K2) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human MEK2 (MAP2K2). Antigen Region: 1-30 aa.
UniProt ID	P36507
MW	44424 Da
Tested applications	IF, WB
Dilution range	IF - 1:10-50, WB - 1:1000
Clone Number	BTD5717

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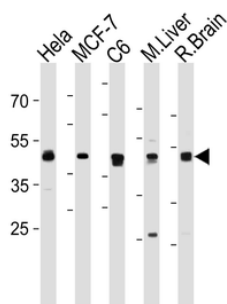
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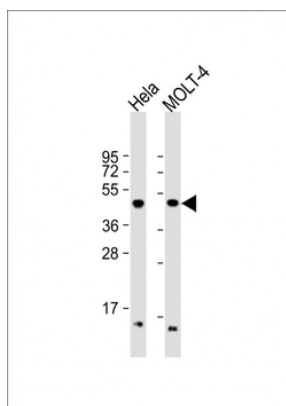
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Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
Note	For research use only
NCBI	NP_109587.1
Expiration Date	12 months from date of receipt.



MEK2 (MAP2K2) Antibody (N-term) western blot analysis in HeLa, MCF-7, rat C6 cell line and mouse Liver, rat Brain tissue lysates (35 ug/lane). This demonstrates the MEK2 (MAP2K2) antibody detected the MEK2 (MAP2K2) protein (arrow).



All lanes: Anti-MEK2 (MAP2K2) Antibody (N-term) at 1:1000 dilution. Lane 1: HeLa whole cell lysate. Lane 2: MOLT-4 whole cell lysate. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 44 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.

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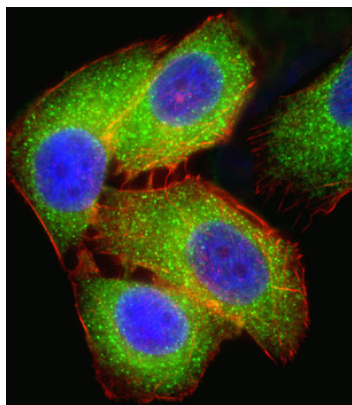
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Fluorescent confocal image of U251 cell stained with MEK2 (MAP2K2) Antibody (N-term). U251 cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with MEK2 (MAP2K2) primary antibody (1: 25, 1 h at 37°C). For secondary antibody, Alexa Fluor 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37°C). Cytoplasmic actin was counterstained with Alexa Fluor 555 (red) conjugated Phalloidin (7 units/ml, 1 h at 37°C). Nuclei were counterstained with DAPI (blue) (10 µg/ml, 10 min). MEK2 (MAP2K2) immunoreactivity is localized to Cytoplasm significantly.

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