



[Go to Product page](#)

Datasheet for ABIN7211403
anti-MEK1 antibody (N-Term)

3 Images

Overview

Quantity:	100 µg
Target:	MEK1 (MAP2K1)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Xenopus laevis
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MEK1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Synthetic peptide corresponding to the sequence near the N-terminus of human MEK1. The sequence is completely conserved in mouse, rat, hamster, rabbit and Xenopus.
Characteristics:	MKK1 MAP kinase kinase 1,MEK 1 polyclonal antibody
Purification:	Protein A affinity purified.,Purified from rabbit serum.

Target Details

Target:	MEK1 (MAP2K1)
Alternative Name:	MEK1 (MAP2K1 Products)
UniProt:	Q02750
Pathways:	MAPK Signaling , RTK Signaling , Interferon-gamma Pathway , Fc-epsilon Receptor Signaling

Target Details

Pathway, Neurotrophin Signaling Pathway, Activation of Innate immune Response, Toll-Like Receptors Cascades, Autophagy, Signaling of Hepatocyte Growth Factor Receptor, BCR Signaling

Application Details

Application Notes: Immunohistochemistry (1:50)Western Blot (1 µg/mL, colorimetric)Suggested dilutions/conditions may not be available for all applications.Optimal conditions must be determined individually for each application.,Detects a band of ~48 kDa by Western blot.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Liquid. In PBS, pH 7.2, containing 50 % glycerol and 0.09 % sodium azide.

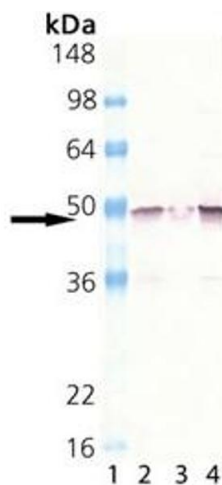
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid freeze/thaw cycles.

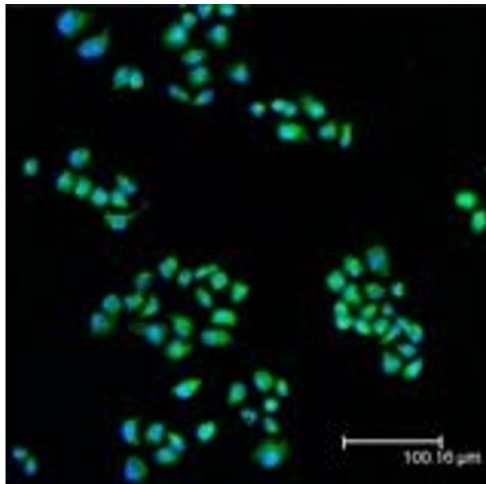
Storage: -20 °C

Images



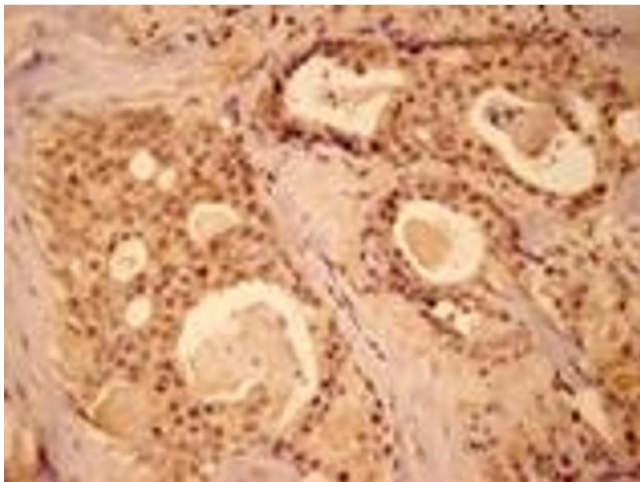
Western Blotting

Image 1. Western blot analysis of MEK1, pAb : Lane 1: MW marker, Lane 2: HeLa (heat shocked) , Lane 3: Rat spleen extract, Lane 4: Mouse brain extract



Immunofluorescence

Image 2. Immunofluorescent analysis (confocal) staining of HeLa cells using MEK1 pAb (green), nuclei are stained in blue pseudocolor using DRAQ5.



Immunohistochemistry

Image 3. Immunohistochemistry analysis of human breast cancer tissue with MEK1 pAb.