

Catalog #: 5377

Aliases

MAPK3; Mitogen-Activated Protein Kinase 3; ERK1; P44mapk; P44erk1; PRKM3; Extracellular Signal-Regulated Kinase 1; Microtubule-Associated Protein 2 Kinase; Insulin-Stimulated MAP2 Kinase; EC 2.7.11.24; P44-ERK1; P44-MAPK; ERK-1; ERT2; Extracellular Signal-Related Kinase 1; MAP Kinase Isoform P44; MAP Kinase 3; EC 2.7.11; HS44KDAP; HUMKER1A; MAPK 1; MAPK 3

Background

Gene Name: MAPK3

NCBI Gene Entry: [5595](#)

UniProt Entry: [P27361](#)

Application Information

Molecular Weight: Predicted, 43 kDa; observed, 37 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 25GB1215

Species Reactivity: Human, mouse, rat

Applications Tested: Western blotting (WB)

Immunogen

A synthesized peptide derived from human ERK1

Isotype

Mouse IgG1

Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

Storage

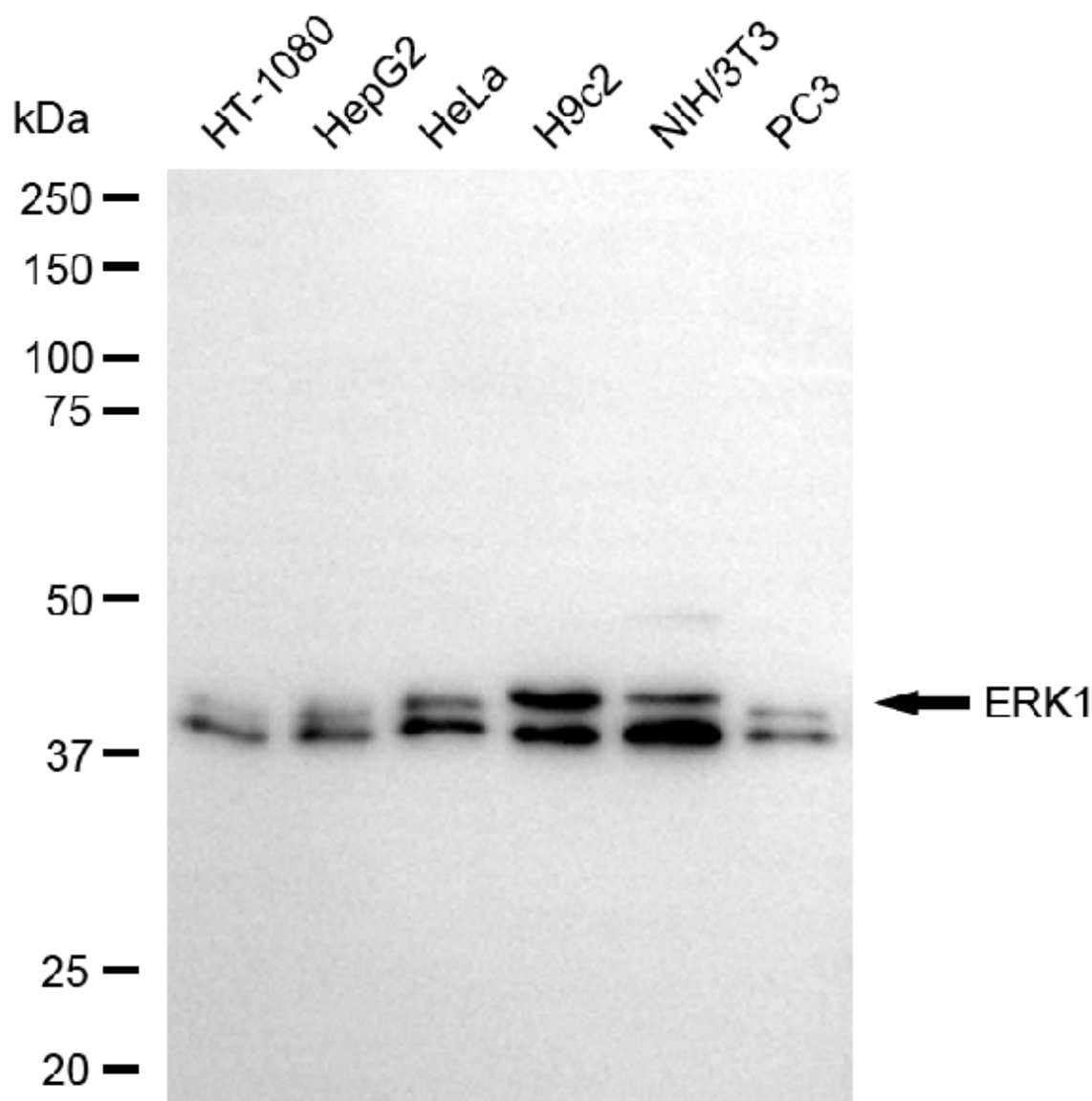
Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:400-1:2,000

Note: This product is for research use only.

Validation Data



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Western blotting analysis using anti-ERK1 antibody (Cat#5377). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-ERK1 antibody (Cat#5377, 1:2,000) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).

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