



Anti-ERK1/2 Data Sheet

(Extracellular Signal-Regulated Kinase)

Catalog No. | Description

S003 | Anti-ERK1/2 (E31R) Signal Transduction Monoclonal Antibody

Clonality | Host Species | Isotype

E31R | Mouse | IgG1

Immunogen

Full length recombinant human ERK1 protein.

Specificity

Recognizes human ERK1 and ERK2 proteins.

Cross Reactivity

WB: ERK1 and ERK2 from human cells. ERK1 and ERK2 from other species may also be detectable.

Purification

Protein A affinity chromatography from mouse ascites fluid.

Applications

WB.

Form

Liquid: 1mg/mL in 10mM PBS, pH 7.2, with 0.05% NaN₃.

Lyophilized: 1mg/mL lyophilized in 10mM PBS, pH 7.2, with 1% BSA and 0.05% NaN₃.

Working Conditions

WB (with ECL): 1:1000 dilution (incubate for one hour at room temperature).

For best results with other assays, please determine optimal working dilution by titration test.

Storage

Liquid: Store at -20°C for 2 years or more. Centrifuge after first thaw to maximize product recovery. Aliquot to avoid repeated freeze-thaw cycles. Store aliquots at 4°C for several days to weeks.

Lyophilized: Store at -20°C for 3 years or more. Reconstitute with distilled water to desired concentration before use. Aliquot to avoid repeated freeze-thaw cycles. Store aliquots at 4°C for several days to weeks.

Images

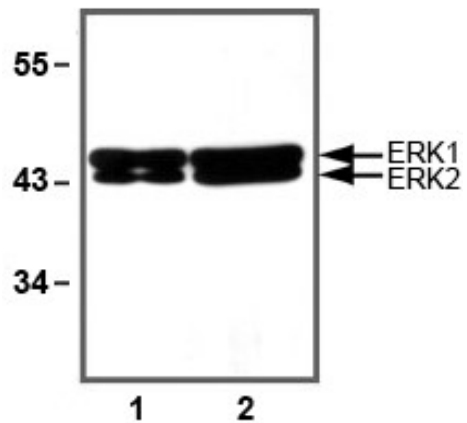


Fig. 1:1000 (1 μ g/mL) Ab dilution used in WB of 10 μ g (1) and 30 μ g (2) HeLa cell lysates.

For *in vitro* research use only



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