



Anti-ERK1, Anti-ERK1 (E19)

Signal Transduction

Monoclonal Antibody

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Box 1 | Basic Info

Cat. No.	ABP-MAB-ES002
Animal ID	N/A
Host	Mouse
Reactivity	Human, Mouse
Format	Purified
Accession number	N/A
Amount	100 µg

Alternative Name(s): E19

Anti-ERK1 (E19) Signal Transduction Monoclonal Antibody only the ERK1 protein (e.g.: from human and mouse cells). Cross reactivity for WB: ERK1 from human and mouse cells; for IP: ERK1 from human cells. ERK1 from other species may also be detectable

Buffers

This antibody is purified through Protein A affinity chromatography from mouse ascites fluid and is supplied in 1mg/mL in 10mM PBS, pH 7.2, with 0.05% NaN₃

Immunogen

Recombinant full length ERK1 protein

Application

IP, WB

WB (with ECL): 1:1000-10,000 dilution (incubate for one hour at room temperature)

For best results with other assays (e.g.: IP, etc), please determine optimal working dilution by titration test

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C. Avoid repeated freeze-thaw cycles.

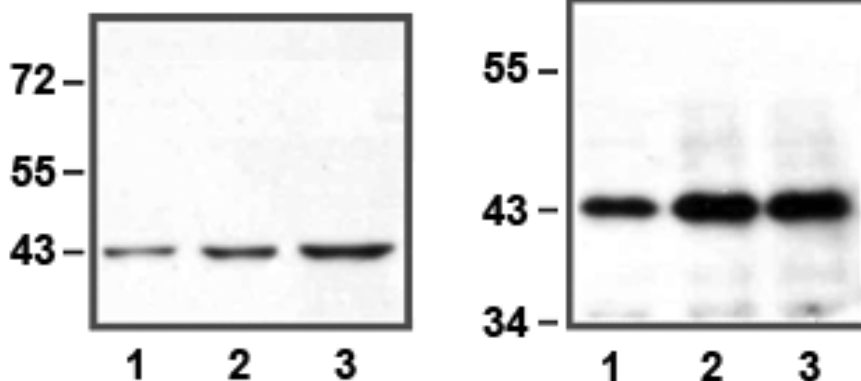


Fig. 1: **LEFT:** 1:10,000 (0.1µg/mL) Ab dilution used in WB of HEK293 cell lysate; 1µg (1), 5µg (2), and 10µg (3) of cell lysate used; **RIGHT:** IP of anti-ERK1 using 50µg of Jurkat cell lysate; 0.5µg (1), 1µg (2), and 2µg (3) of anti-ERK1 used