

## MAPK3

### Mouse Anti-ERK1 Clone E19 Signal Transduction mAb

<b>Catalog No.</b>	CSI20574A	<b>Quantity:</b>	50 µg
	CSI20574B		100 µg
	CSI20574C		200 µg

**Description:** Mouse Anti-ERK1 Clone E19 Signal Transduction mAb

**Concentration:** 1.0 mg/ml

**Gene ID:** 5595

**Specificity:** Recognizes only the ERK1 protein

**Host:** Mouse

**Immunogen:** Recombinant full length ERK1 protein

**Isotype:** IgG1

**Clone:** E19

**Formulation:** Liquid in 10 mM PBS, pH 7.2.

**Purification:** Protein A affinity chromatography from mouse ascites fluid

**Applications:** Immunoprecipitation  
Western Blot

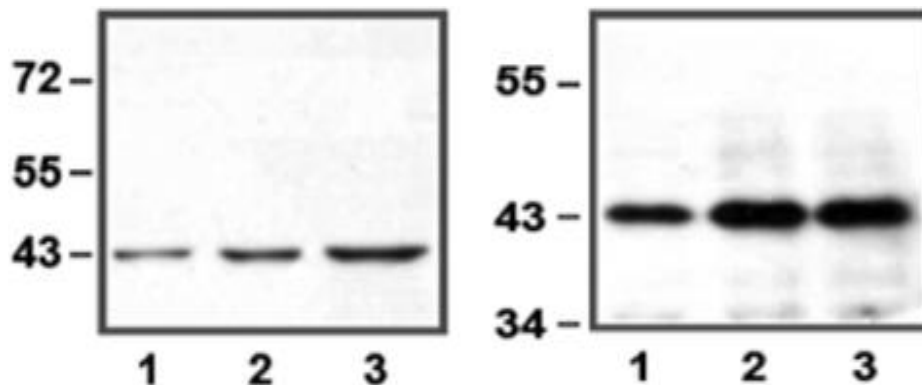
**Application Notes:** Wesern Blot (with ECL): working dilution of 1:1,000-10,000 (incubate for one hour at room temperature).  
The optimal concentration should be determined by the user for each specific application.



**Storage & Stability:** Store at 2-4°C (add 0.1% NaN<sub>3</sub>) for several days to weeks, and at -20°C for longer periods. **Avoid repeated freeze-thaw cycles.**

LEFT: 1:10,000 (0.1 µg/mL) Ab dilution used in WB of HEK293 cell lysate; 1 µg (1), 5 µg (2), and 10 µg (3) of cell lysate used;

RIGHT: IP of anti-ERK1 using 50 µg of Jurkat cell lysate; 0.5 µg (1), 1 µg (2), and 2 µg (3) of anti-ERK1 used



NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

