

## Monoclonal Antibody to Extracellular Signal Regulated Kinase 1 (ERK1)

**Catalog No:** FY-AB50341

**Organism Species:** Rattus norvegicus (Rat)

**Application:** WB; IHC; ICC; IP.

**Alternative Names:** HS44KDAP; HUMKER1A; P44ERK1; P44MAPK; PRKM3; MAPK3; ERT2; Mitogen-Activated Protein Kinase 3; Insulin-stimulated MAP2 kinase; Microtubule-associated protein 2 kinase

### PROPERTIES

Source	Monoclonal antibody preparation
Host species	Mouse
Cross Reactivity	-
Purification	Protein A+G
Research Area	Signal transduction;Enzyme & Kinase;Apoptosis;Tumor immunity;
Appearance	Liquid
Size	200μl;1mg/mL
Formulation	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Immunogen	-
Application	Western blotting: 0.2-2μg/mL,1:500-5000
	Immunohistochemistry: 5-20μg/mL,1:50-200
	Immunocytochemistry: 5-20μg/mL,1:50-200
Storage instructions	Stable for 12 months. at -20°C from date of shipment. Aliquot to avoid repeated freezing and thawing. Store at 2-8°C for frequent use. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Stability Test	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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