

# MAPK3 Mouse Monoclonal Antibody



CAB0025

## Product Information

**Size:**

100uL, 200uL

**Observed MW:**

45kDa

**Calculated MW:**

38kDa/40kDa/43kDa

**Applications:**

WB

**Reactivity:**

Human, Mouse

## Antibody Information

**Recommended dilutions:**

WB 1:500 - 1:1000

**Source:**

Mouse

**Isotype:**

IgG

**Purification:**

Affinity purification

## Protein Background

The protein encoded by this gene is a member of the MAP kinase family. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act in a signaling cascade that regulates various cellular processes such as proliferation, differentiation, and cell cycle progression in response to a variety of extracellular signals. This kinase is activated by upstream kinases, resulting in its translocation to the nucleus where it phosphorylates nuclear targets. Alternatively spliced transcript variants encoding different protein isoforms have been described.

## Immunogen information

**Gene ID:**

5595

**Uniprot**

P27361

**Synonyms:**

ERK-1; ERK1; ERT2; HS44KDAP; HUMKER1A; P44ERK1; P44MAPK; PRKM3; p44-ERK1; p44-MAPK; MAPK3

**Immunogen:**

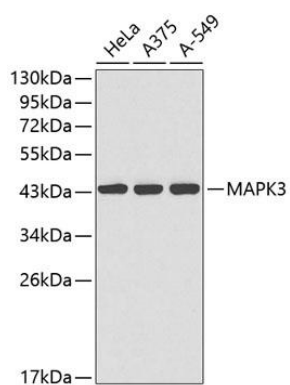
A synthetic peptide of human MAPK3

**Storage:**

Store at 4°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, pH7.3.

## Product Images

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Western blot - MAPK3 Monoclonal Antibody (CAB0025)