

# Anti-MAPK activated protein kinase 2 Recombinant Rabbit Monoclonal Antibody



**Catalog #: 4562**

## Aliases

MAPKAPK2; MAPK Activated Protein Kinase 2; MK2; Mitogen-Activated Protein Kinase-Activated Protein Kinase 2; MAP Kinase-Activated Protein Kinase 2; MAPKAP Kinase 2; EC 2.7.11.1; MAPKAP-K2; MK-2; MAPK-Activated Protein Kinase 2; MAPKAPK-2; EC 2.7.11

## Background

Gene Name: MAPKAPK2

NCBI Gene Entry: [9261](#)

UniProt Entry: [P49137](#)

## Application Information

Molecular Weight: Predicted, 46 kDa; observed, 46 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB11835

Species Reactivity: Human

Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

## Immunogen

A synthesized peptide derived from human MAPKAP Kinase 2

## Isotype

Rabbit IgG

## Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

## Storage

Store at -20 °C for one year.

## Recommended Dilutions

Western Blotting (WB): 1:1,000-1:5,000

Flow Cytometry (FCM): 1:2,000

Immunocytochemistry (IC): 1:100-1:1,000

**Note:** This product is for research use only.

---

### SUPPORT

SUPPORT@GENUINBIOTECH.COM  
TEL: +1-540-855-7041

### ORDERS

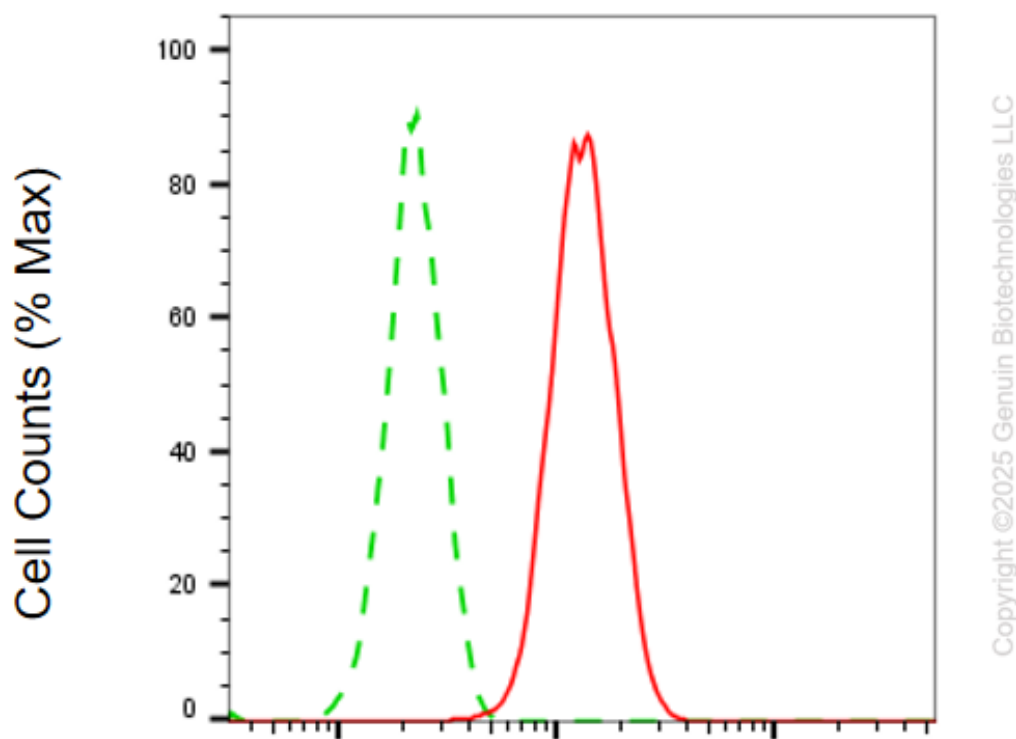
SALES@GENUINBIOTECH.COM  
FAX: +1-540-855-7041

[WWW.GENUINBIOTECH.COM](http://WWW.GENUINBIOTECH.COM)

# Anti-MAPK activated protein kinase 2 Recombinant Rabbit Monoclonal Antibody

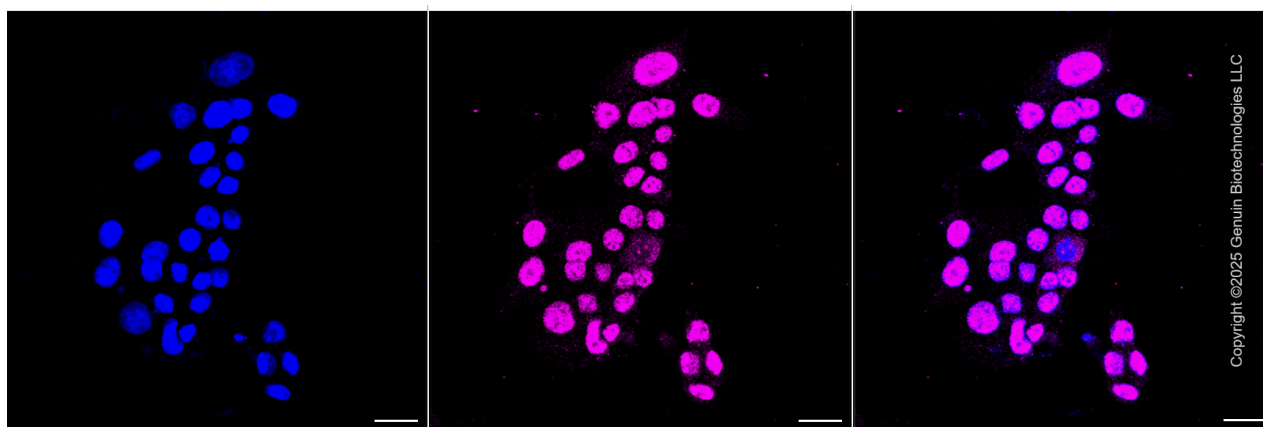
PAGE 2

## Validation Data



## MAPK activated protein kinase 2-Alexa Fluor® 647

Flow cytometric analysis of MAPK activated protein kinase MAPK activated protein kinase 2 expression in HAP-1 cells using anti-2 antibody (Cat#4562, 1:2,000). Green, isotype control; red, MAPK activated protein kinase 2.



Immunocytochemical staining of HAP-1 cells with anti-MAPK activated protein kinase 2 antibody (Cat#4562, 1:1,000) . Nuclei were stained blue with DAPI;MAPK activated protein

### SUPPORT

SUPPORT@GENUINBIOTECH.COM  
TEL: +1-540-855-7041

### ORDERS

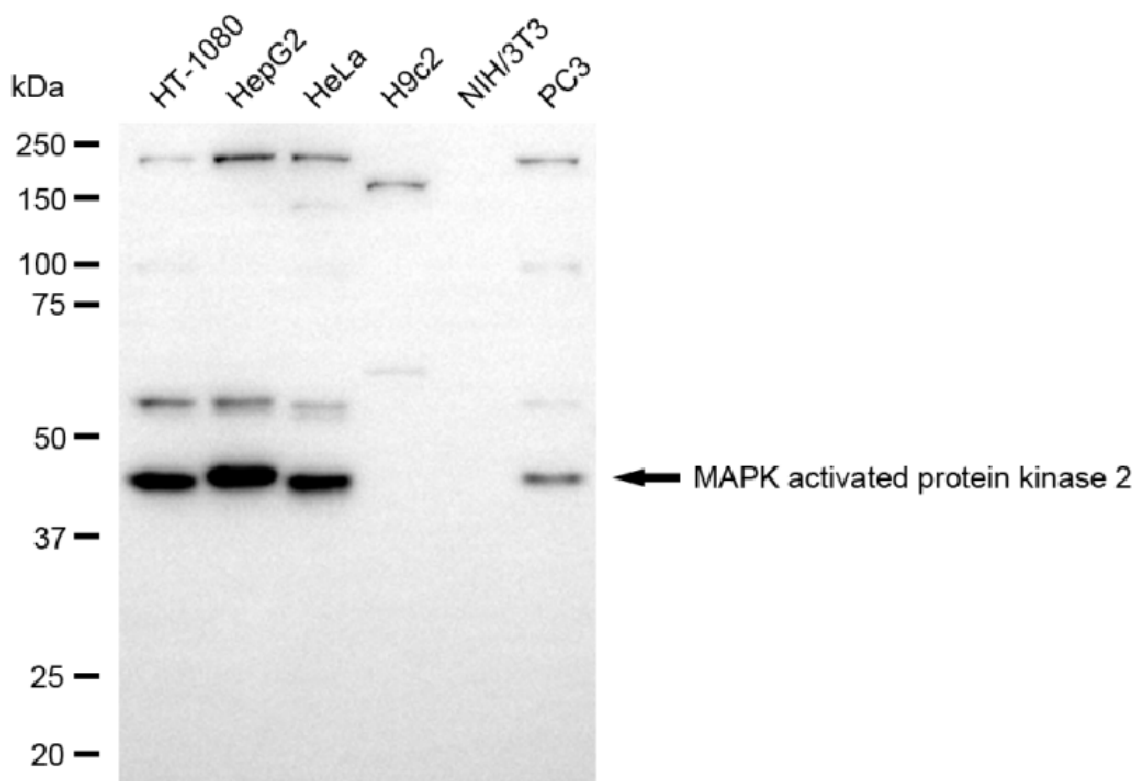
SALES@GENUINBIOTECH.COM  
FAX: +1-540-855-7041

WWW.GENUINBIOTECH.COM

## Anti-MAPK activated protein kinase 2 Recombinant Rabbit Monoclonal Antibody

PAGE 3

kinase 2 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 µm.



Copyright ©2025 Genuin Biotechnologies LLC

Western blotting analysis using anti-MAPK activated protein kinase 2 antibody (Cat#4562). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-MAPK activated protein kinase 2 antibody (Cat#4562, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).

### SUPPORT

SUPPORT@GENUINBIOTECH.COM  
TEL: +1-540-855-7041

### ORDERS

SALES@GENUINBIOTECH.COM  
FAX: +1-540-855-7041

WWW.GENUINBIOTECH.COM