# **Anti-MAP3K4 Recombinant Rabbit Monoclonal Antibody**



**Catalog #: 1680** 

#### **Aliases**

MAP3K4; Mitogen-Activated Protein Kinase Kinase Kinase 4; MAPKKK4; MTK1; KIAA0213; MEKK4; MAPK/ERK Kinase Kinase 4; MAP Three Kinase 1; MEK Kinase 4; MEKK 4; DJ473J16.1 (Mitogen-Activated Protein Kinase Kinase Kinase 4); SSK2/SSK22 MAP Kinase Kinase Kinase, Yeast, Homolog Of; Predicted Protein Of HQ0412; MAP/ERK Kinase Kinase 4; EC 2.7.11.25; PRO0412

### **Background**

Gene Name: MAP3K4 NCBI Gene Entry: 4216 UniProt Entry: Q9Y6R4

# **Application Information**

Molecular Weight: Predicted, 182 kDa; observed, 182 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 23GB4045

Species Reactivity: Human, mouse, rat

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

### Immunogen

A synthesized peptide derived from human MAP3K4

## **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

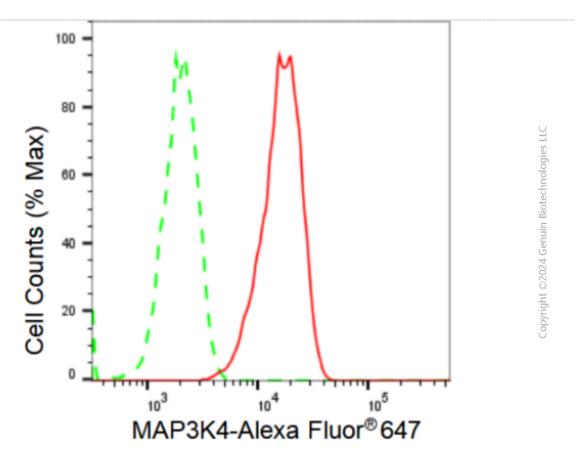
Flow Cytometry (FCM): 1:2,000

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

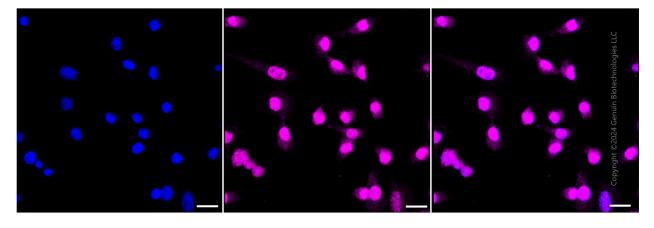
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Note: This product is for research use only.

#### **Validation Data**



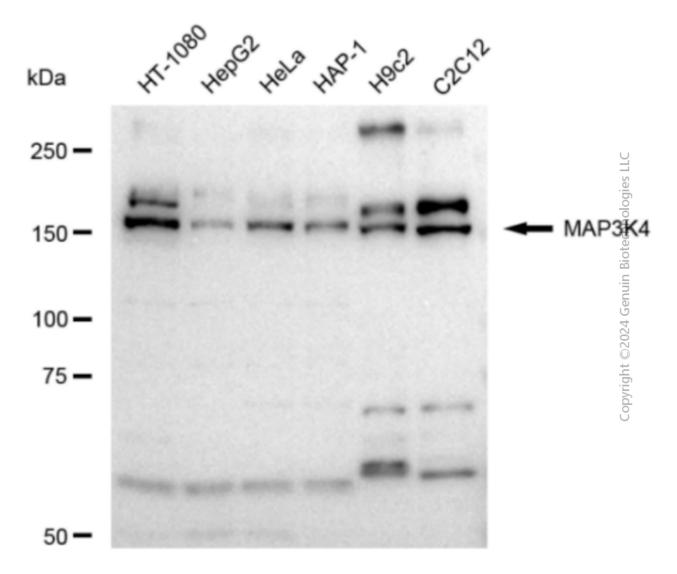
Flow cytometric analysis of MAP3K4 expression in C2C12 cells using MAP3K4 antibody (Cat#1680, 1:2000). Green, isotype control; red, MAP3K4.



Immunocytochemical staining of C2C12 cells with MAP3K4 antibody (Cat#1680, 1:1,000). Nuclei were stained blue with DAPI; MAP3K4 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:  $20~\mu m$ .

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Western blotting analysis using anti-MAP3K4 antibody (Cat#1680). Total cell lysates (30 μg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-MAP3K4 antibody (Cat#1680, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ<sup>TM</sup> ECL Substrate Kit (Cat#226).