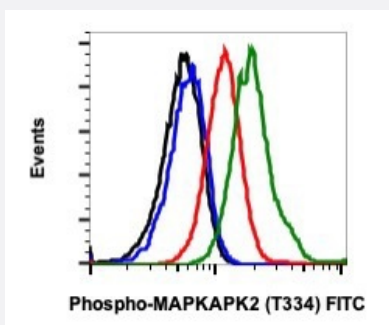


# MAPKAPK2 (phospho T334) monoclonal antibody, clone H2 (FITC )

Catalog # MAB23453      Size 100 Reactions

## Applications



### Flow Cytometry

Flow cytometric analysis of NIH/3T3 cells with MAPKAPK2 (phospho T334) monoclonal antibody, clone H2 (FITC ) (Cat # MAB23453). Untreated (red) or treated with UV (green), or concentration-matched Rabbit (G9) mAb IgG Isotype Control (FITC Conjugate) for cells untreated (black) or treated with UV (blue).

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against synthetic phosphopeptide of human MAPKAPK2.
<b>Immunogen</b>	A synthetic phosphopeptide corresponding to residues surrounding T334 of human MAPKAPK2.
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse
<b>Form</b>	Liquid
<b>Conjugation</b>	FITC
<b>Purification</b>	Protein A/G purification
<b>Isotype</b>	IgG1, kappa
<b>Recommend Usage</b>	Flow Cytometry (5 $\mu$ L/ $10^6$ cells) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS, pH 7.4 (0.2% BSA, 0.09% sodium azide).

**Storage Instruction**

Store at 4°C.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

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## Gene Info — MAPKAPK2

**Entrez GeneID**[9261](#)**Gene Name**

MAPKAPK2

**Gene Alias**

MK2

**Gene Description**

mitogen-activated protein kinase-activated protein kinase 2

**Omim ID**[602006](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a member of the Ser/Thr protein kinase family. This kinase is regulated through direct phosphorylation by p38 MAP kinase. In conjunction with p38 MAP kinase, this kinase is known to be involved in many cellular processes including stress and inflammatory responses, nuclear export, gene expression regulation and cell proliferation. Heat shock protein HSP27 was shown to be one of the substrates of this kinase in vivo. Two transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq]

**Other Designations**

OTTHUMP00000034531|OTTHUMP00000034532

## Pathway

- [MAPK signaling pathway](#)
- [Neurotrophin signaling pathway](#)
- [VEGF signaling pathway](#)