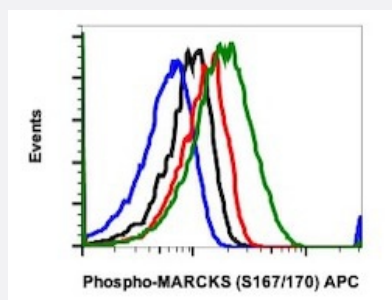


MAPKAPK2 (phospho T334) monoclonal antibody, clone H2 (APC)

Catalog # MAB23454 Size 100 Reactions

Applications



Flow Cytometry

Flow cytometric analysis of C6 cells with MAPKAPK2 (phospho T334) monoclonal antibody, clone H2 (APC) (Cat # MAB23454). Treated with staurosporine (red) or treated with UV+TPA (green) or concentration-matched Rabbit (G9) mAb IgG Isotype Control (APC Conjugate) for cells treated with staurosporine (black) or treated with UV+TPA (blue).

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic phosphopeptide of human MAPKAPK2.
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding T334 of human MAPKAPK2.
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Conjugation	APC
Purification	Protein A/G purification
Isotype	IgG1, kappa
Recommend Usage	Flow Cytometry (5 μ L/ 10^6 cells) The optimal working dilution should be determined by the end user.
Storage Buffer	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](#)