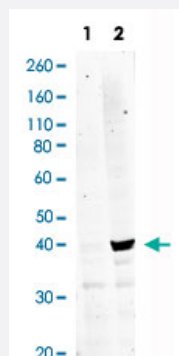


# MAPKAPK2 (phospho T334) monoclonal antibody, clone H2

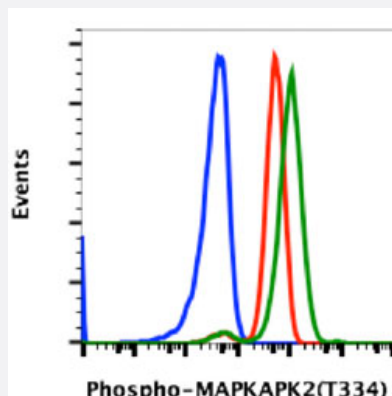
Catalog # MAB18931      Size 200 uL

## Applications



### Western Blot (Cell lysate)

Western Blot analysis of HeLa cell lysate with MAPKAPK2 (phospho T334) monoclonal antibody, clone H2 (Cat # MAB18931). Lane 1: untreated or Lane 2: treated with UV + TPA.



### Flow Cytometry

Flow cytometric analysis of U937 cells with MAPKAPK2 (phospho T334) monoclonal antibody, clone H2 (Cat # MAB18931). Secondary antibody only negative control (blue) or untreated (red) or treated with CalA (green).

## 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
Purification	Protein A/G purification

Isotype	IgG1, kappa
Recommend Usage	Flow Cytometry Western Blot The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (50% glycerol, 0.1% BSA and 0.02% sodium azide).
Storage Instruction	Store at -20°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Cell lysate)

Western Blot analysis of HeLa cell lysate with MAPKAPK2 (phospho T334) monoclonal antibody, clone H2 (Cat # MAB18931).  
Lane 1: untreated or Lane 2: treated with UV + TPA.

- Flow Cytometry

Flow cytometric analysis of U937 cells with MAPKAPK2 (phospho T334) monoclonal antibody, clone H2 (Cat # MAB18931).  
Secondary antibody only negative control (blue) or untreated (red) or treated with CalA (green).

## Gene Info — MAPKAPK2

Entrez GeneID	<a href="#">9261</a>
Gene Name	MAPKAPK2
Gene Alias	MK2
Gene Description	mitogen-activated protein kinase-activated protein kinase 2
Omim ID	<a href="#">602006</a>
Gene Ontology	<a href="#">Hyperlink</a>
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](#)