

MAPKAPK2 rabbit monoclonal antibody

Catalog # H00009261-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human MAPKAPK2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human MAPKAPK2 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human MAPKAPK2 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — MAPKAPK2

Entrez GeneID	9261
GeneBank Accession#	MAPKAPK2
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](#)