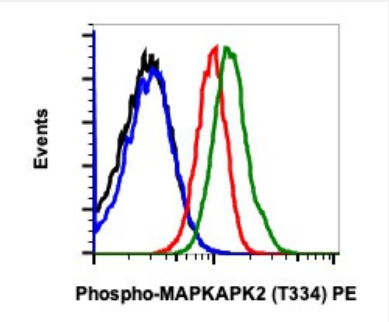
RecomAb™

MAPKAPK2 recombinant monoclonal antibody, clone MAPKAPK2T334-H2 (PE)

Catalog # RAB02957 Size 100 Reactions

Applications



Flow Cytometry

Flow cytometric analysis of NIH3T3 cells untreated (red) or treated with UV (green) using Phospho-MAPKAPK2 (Thr334) (H2) Rabbit mAb (PE Conjugate) MAPKAPK2-H2, or concentration-matched Rabbit (G9) mAb IgG Isotype Control (PE Conjugate) for cells untreated (black) or treated with UV (blue).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human MAPKAPK2.
Antibody Species	Rabbit
Immunogen	A synthetic phospho-peptide corresponding to residues surrounding Thr334 of human phospho MAP KAPK-2.
Reactivity	Human
Form	Liquid
Conjugation	PE
Purification	Protein A purification, Protein G purification
Isotype	IgG
Recommend Usage	Flow Cytometry The optimal working dilution should be determined by the end user.

Storage Buffer	1X PBS, 0.09% Sodium azide, 0.2% BSA
Storage Instruction	Store at 4°C. Do not freeze.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Flow Cytometry

  Flow cytometric analysis of NIH3T3 cells untreated (red) or treated with UV (green) using Phospho-MAPKAPK2 (Thr334) (H2) Rabbit mAb (PE Conjugate) MAPKAPK2-H2, or concentration-matched Rabbit (G9) mAb IgG Isotype Control (PE Conjugate) for cells untreated (black) or treated with UV (blue).

Gene Info — MAPKAPK2

Entrez GeneID	9261
Protein Accession#	P49137
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 throug h direct phosphorylation by p38 MAP kinase. In conjunction with p38 MAP kinase, this kinase is k nown to be involved in many cellular processes including stress and inflammatory responses, nucl ear export, gene expression regulation and cell proliferation. Heat shock protein HSP27 was sho wn 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