

MAP4K2 rabbit monoclonal antibody

Catalog # H00005871-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human MAP4K2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human MAP4K2 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 MAP4K2 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 — MAP4K2

Entrez GeneID	5871
GeneBank Accession#	MAP4K2
Gene Name	MAP4K2
Gene Alias	BL44, GCK, RAB8IP
Gene Description	mitogen-activated protein kinase kinase kinase kinase 2
Omim ID	603166
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the serine/threonine protein kinase family. Although this kinase is found in many tissues, its expression in lymphoid follicles is restricted to the cells of germinal centre, where it may participate in B-cell differentiation. This kinase can be activated by TNF-alpha, and has been shown to specifically activate MAP kinases. This kinase is also found to interact with TNF receptor-associated factor 2 (TRAF2), which is involved in the activation of MAP3K1/MEKK1. [provided by RefSeq]
Other Designations	B lymphocyte serine/threonine protein kinase Rab8 interacting protein germinal centre kinase (G C kinase)

Pathway

- [MAPK signaling pathway](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)