

MOS rabbit monoclonal antibody

Catalog # H00004342-K

Size 100 ug x up to 3

Specification

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

Entrez GeneID	4342
GeneBank Accession#	MOS
Gene Name	MOS
Gene Alias	MGC119962, MGC119963, MSV
Gene Description	v-mos Moloney murine sarcoma viral oncogene homolog
Omim ID	190060
Gene Ontology	Hyperlink
Gene Summary	MOS is a serine/threonine kinase that activates the MAP kinase cascade through direct phosphorylation of the MAP kinase activator MEK (MAP2K1; MIM 176872) (Prasad et al., 2008 [PubMed 18246541]).[supplied by OMIM]
Other Designations	Oncogene MOS, Moloney murine sarcoma virus

Pathway

- [MAPK signaling pathway](#)
- [Regulation of actin cytoskeleton](#)

Disease

- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [HIV Infections](#)