

# RPS18 rabbit monoclonal antibody

Catalog # H00006222-K

Size 100 ug x up to 3

## Specification

Product Description	Rabbit monoclonal antibody raised against a human RPS18 peptide using ARM Technology.
Immunogen	A synthetic peptide of human RPS18 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 ( <a href="#">ARM Technology</a> ).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human RPS18 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) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — RPS18

Entrez GeneID	<a href="#">6222</a>
GeneBank Accession#	<a href="#">RPS18</a>
Gene Name	RPS18
Gene Alias	D6S218E, HKE3, KE-3, KE3, MGC117351, MGC126835, MGC126837
Gene Description	ribosomal protein S18
Omim ID	<a href="#">180473</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. This gene encodes a ribosomal protein that is a component of the 40S subunit. The protein belongs to the S13P family of ribosomal proteins. It is located in the cytoplasm. The gene product of the E. coli ortholog (ribosomal protein S13) is involved in the binding of fMet-tRNA, and thus, in the initiation of translation. This gene is an ortholog of mouse Ke3. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. [provided by RefSeq]
Other Designations	40S ribosomal protein S18 OTTHUMP00000029059 rhabdomyosarcoma antigen MU-RMS-40.21

## Pathway

- [Ribosome](#)

## Disease

- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)