

RAD18 rabbit monoclonal antibody

Catalog # H00056852-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human RAD18 peptide using ARM Technology.
Immunogen	A synthetic peptide of human RAD18 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 RAD18 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 — RAD18

Entrez GeneID [56852](#)

GeneBank Accession# [RAD18](#)

Gene Name RAD18

Gene Alias RNF73

Gene Description RAD18 homolog (S. cerevisiae)

Omim ID [605256](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is highly similar to S. cerevisiae DNA damage repair protein Rad18. Yeast Rad18 functions through its interaction with Rad6, which is an ubiquitin-conjugating enzyme required for post-replication repair of damaged DNA. Similar to its yeast counterpart, this protein is able to interact with the human homolog of yeast Rad6 protein through a conserved ring-finger motif. Mutation of this motif results in defective replication of UV-damaged DNA and hyper sensitivity to multiple mutagens. [provided by RefSeq]

Other Designations RAD18, S. cerevisiae, homolog|postreplication repair protein hRAD18p

Disease

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- [Carcinoma](#)
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- [Esophageal Neoplasms](#)
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