RAD54B rabbit monoclonal antibody

Catalog # H00025788-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human RAD54B peptide using ARM Technology.
Immunogen	A synthetic peptide of human RAD54B 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 RAD54B 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 in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — RAD54B

Entrez GeneID	25788
GeneBank Accession#	RAD54B
Gene Name	RAD54B
Gene Alias	FSBP, RDH54
Gene Description	RAD54 homolog B (S. cerevisiae)
Omim ID	604289
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene belongs to the DEAD-like helicase superfamily. It shares similarity with Saccharomyces cerevisiae RAD54 and RDH54, both of which are involved in homologous recombination and repair of DNA. This protein binds to double-stranded DNA, and displays ATPase activity in the presence of DNA. This gene is highly expressed in testis and spleen, which suggests active roles in meiotic and mitotic recombination. Homozygous mutations of this gene were observed in primary lymphoma and colon cancer. [provided by RefSeq
Other Designations	Fibrinogen silencer-binding protein|RAD54 homolog B|RAD54, S. cerevisiae, homolog of, B|fibrinogen silencer binding protein

Pathway

- Homologous recombination

Disease

- Adenocarcinoma
- Ataxia telangiectasia
- Brain Neoplasms
- Breast cancer
- Breast Neoplasms

- Colorectal Neoplasms
- Disease Progression
- Genetic Predisposition to Disease
- Glioma
- Kidney Failure
- Multiple Sclerosis
- Pancreatic Neoplasms
- Papillomavirus Infections
- Uterine Cervical Neoplasms