

RAD1 rabbit monoclonal antibody

Catalog # H00005810-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human RAD1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human RAD1 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 RAD1 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 — RAD1

Entrez GeneID	5810
GeneBank Accession#	RAD1
Gene Name	RAD1
Gene Alias	HRAD1, REC1
Gene Description	RAD1 homolog (S. pombe)
Omim ID	603153
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a component of a heterotrimeric cell cycle checkpoint complex, known as the 9-1-1 complex, that is activated to stop cell cycle progression in response to DNA damage or incomplete DNA replication. The 9-1-1 complex is recruited by RAD17 to affected sites where it may attract specialized DNA polymerases and other DNA repair effectors. Alternatively spliced transcript variants of this gene have been described. [provided by RefSeq]
Other Designations	DNA repair exonuclease REC1 OTTHUMP00000115992 RAD1 homolog Rad1-like DNA damage checkpoint cell cycle checkpoint protein Hrad1 checkpoint control protein HRAD1 exonuclease homolog RAD1

Disease

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