

PRIM1 rabbit monoclonal antibody

Catalog # H00005557-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human PRIM1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human PRIM1 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 PRIM1 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 — PRIM1

Entrez GeneID	5557
GeneBank Accession#	PRIM1
Gene Name	PRIM1
Gene Alias	MGC12308, p49
Gene Description	primase, DNA, polypeptide 1 (49kDa)
Omim ID	176635
Gene Ontology	Hyperlink
Gene Summary	<p>The replication of DNA in eukaryotic cells is carried out by a complex chromosomal replication apparatus, in which DNA polymerase alpha and primase are two key enzymatic components. Primase, which is a heterodimer of a small subunit and a large subunit, synthesizes small RNA primers for the Okazaki fragments made during discontinuous DNA replication. The protein encoded by this gene is the small, 49 kDa primase subunit. [provided by RefSeq]</p>
Other Designations	DNA primase 1 DNA primase polypeptide 1 DNA primase small subunit DNA primase subunit 48 primase p49 subunit primase polypeptide 1, 49kDa

Pathway

- [DNA replication](#)
- [Metabolic pathways](#)
- [Purine metabolism](#)
- [Pyrimidine metabolism](#)