

PLK4 rabbit monoclonal antibody

Catalog # H00010733-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human PLK4 peptide using ARM Technology.
Immunogen	A synthetic peptide of human PLK4 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 PLK4 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 — PLK4

Entrez GeneID	10733
GeneBank Accession#	PLK4
Gene Name	PLK4
Gene Alias	SAK, STK18
Gene Description	polo-like kinase 4 (Drosophila)
Omim ID	605031
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the polo family of serine/threonine protein kinases. The protein localizes to centrioles, complex microtubule-based structures found in centrosomes, and regulates centriole duplication during the cell cycle. [provided by RefSeq]
Other Designations	Snk akin kinase polo-like kinase 4 serine/threonine kinase 18 serine/threonine protein kinase SAK

Disease

- [Kidney Failure](#)