

# HCK rabbit monoclonal antibody

Catalog # H00003055-K      Size 100 ug x up to 3

## Specification

Product Description	Rabbit monoclonal antibody raised against a human HCK peptide using ARM Technology.
Immunogen	A synthetic peptide of human HCK 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 ( <a href="#">ARM Technology</a> ).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human HCK 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) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — HCK

Entrez GeneID [3055](#)

GeneBank Accession# [HCK](#)

Gene Name HCK

Gene Alias JTK9

Gene Description hemopoietic cell kinase

Omim ID [142370](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** The protein encoded by this gene is a protein-tyrosine kinase that is predominantly expressed in hemopoietic cell types. The encoded protein may help couple the Fc receptor to the activation of the respiratory burst. In addition, it may play a role in neutrophil migration and in the degranulation of neutrophils. Alternate translation initiation site usage, including a non-AUG (CUG) codon, results in the production of two different isoforms, that have different subcellular localization. [provided by RefSeq]

**Other Designations** tyrosine protein kinase HCK

## Pathway

- [Chemokine signaling pathway](#)
- [Fc gamma R-mediated phagocytosis](#)

## Disease

- [HIV Infections](#)
- [Pulmonary Disease](#)