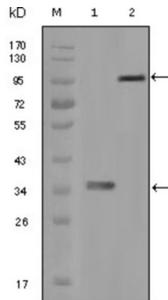
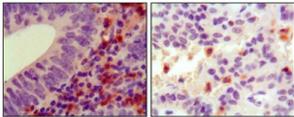


## Tyrosine Protein Kinase HCK (HCK) Antibody

Catalogue No.: abx011842



Western blot analysis using HCK antibody against truncated HCK recombinant protein (1) and full-length HCK-GFP transfected CHO-K1 cell lysate (2).



Immunohistochemical analysis of paraffin-embedded human colon cancer (left) and ancreas cancer (right), showing cytoplasmic localization using HCK antibody with DAB staining.

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.

<b>Target:</b>	Tyrosine Protein Kinase HCK (HCK)
<b>Clonality:</b>	Monoclonal
<b>Reactivity:</b>	Human
<b>Tested Applications:</b>	ELISA, IHC
<b>Host:</b>	Mouse
<b>Recommended dilutions:</b>	ELISA: 1/10000, IHC: 1/200 - 1/1000. Optimal dilutions/concentrations should be determined by the end user.
<b>Conjugation:</b>	Unconjugated
<b>Immunogen:</b>	Purified recombinant fragment of HCK expressed in E. coli.
<b>Isotype:</b>	IgG <sub>1</sub>
<b>Form:</b>	Liquid

# Datasheet

Version: 4.0.0  
Revision date: 12 Mar 2025



<b>Purification:</b>	Unpurified ascites.
<b>Storage:</b>	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
<b>UniProt Primary AC:</b>	P08631 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )
<b>Gene Symbol:</b>	HCK
<b>GeneID:</b>	<a href="#">3055</a>
<b>OMIM:</b>	<a href="#">142370</a>
<b>HGNC:</b>	4840
<b>KEGG:</b>	hsa:3055
<b>Ensembl:</b>	ENSG00000101336
<b>String:</b>	<a href="#">9606.ENSP00000444986</a>
<b>Enzyme Commission Number:</b>	EC 2.7.10.2
<b>Molecular Weight:</b>	59 kDa
<b>Buffer:</b>	Ascitic fluid containing 0.03% sodium azide.
<b>Concentration:</b>	Not determined.
<b>Note:</b>	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only