

## HCK Monoclonal Antibody

### Description

<b>Product type</b>	Antibody
<b>Code</b>	BT-MCA2458
<b>Host</b>	Mouse
<b>Isotype</b>	Mouse IgG1
<b>Size</b>	100 $\mu$ L, 50 $\mu$ L
<b>Immunogen</b>	Purified recombinant fragment of HCK expressed in E. Coli.
<b>Mol wt</b>	N/A
<b>Species reactivity</b>	Human
<b>Clonality</b>	Monoclonal
<b>Recommended application</b>	IHC
<b>Concentration</b>	N/A
<b>Full name</b>	N/A
<b>Synonyms</b>	JTK9

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

Hemopoietic cell kinase. 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.

### Recommended Dilution

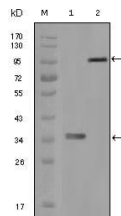
WB: 1:500 - 1:2000

IHC-p: 1:200 - 1:1000

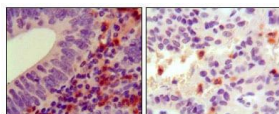
ELISA: 1:10000

Not yet tested in other applications.

### Images



Western blot analysis using HCK mouse mAb 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 pancreas cancer (right), showing cytoplasmic localization using HCK mouse mAb with DAB staining.

### Storage

Store at 4°C short term. Aliquot and store at -20°C long term.