



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## HCK monoclonal antibody (M02), clone 2A6

Catalog # : H00003055-M02

規格 : [ 100 ug ]

[List All](#)

### Specification

**Product Description:** Mouse monoclonal antibody raised against a partial recombinant HCK.

**Immunogen:** HCK (AAH14435, 1 a.a. ~ 80 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

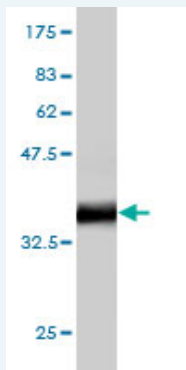
**Sequence:** MGCMKSKFLQVGGNTFSKTETSASPHCPVYVPDPTSTIKPGPNHNSNT  
PGIREAGSEDIIVALYDYEAHHEDLSFQK

**Host:** Mouse

**Reactivity:** Human

**Isotype:** IgG2a Kappa

**Quality Control Testing:** Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (34.43 KDa) .

**Storage Buffer:** In 1x PBS, pH 7.4

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**MSDS:** [Download](#)

**Datasheet:** [Download](#)

### Publication Reference

1. [An analysis of protein-protein interactions in cross-talk pathways reveals CRKL as a novel prognostic marker in hepatocellular carcinoma.](#)  
Liu CH, Chen TC, Chau GY, Jan YH, Chen CH, Hsu CN, Lin KT, Juang YL, Lu PJ, Cheng HC, Chen MH, Chang CF, Ting YS, Kao CY, Hsiao M, Huang CY. Mol Cell Proteomics. 2013 Feb 8. [Epub ahead of print]

### Applications

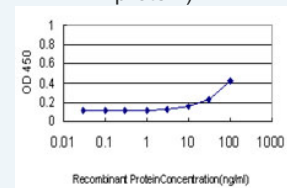
**Western Blot (Recombinant protein)**

[Protocol Download](#)

### Application Image

Western Blot (Recombinant protein)

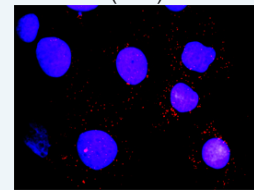
Sandwich ELISA (Recombinant protein)



[enlarge](#)

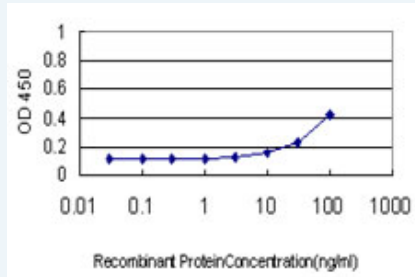
ELISA

*In situ* Proximity Ligation Assay (Cell)



[enlarge](#)

## Sandwich ELISA (Recombinant protein)

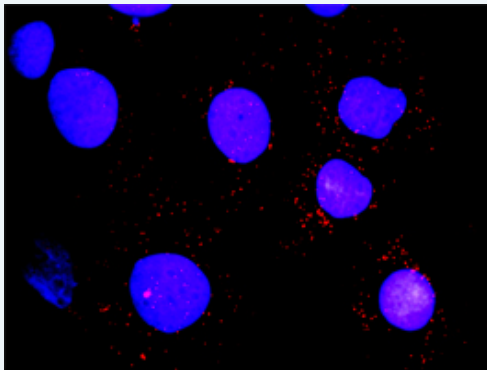


Detection limit for recombinant GST tagged HCK is approximately 3ng/ml as a capture antibody.

 [Protocol Download](#)

## ELISA

### *In situ* Proximity Ligation Assay (Cell)



Proximity Ligation Analysis of protein-protein interactions between FLT1 and HCK. Huh7 cells were stained with anti-FLT1 rabbit purified polyclonal 1:1200 and anti-HCK mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

## Gene Information

Entrez GeneID: [3055](#)

GeneBank [BC014435](#)

Accession#:

Protein [AAH14435](#)

Accession#:

Gene Name: HCK

Gene Alias: JTK9

Gene Description: hemopoietic cell kinase

Description:

Omim ID: [142370](#)

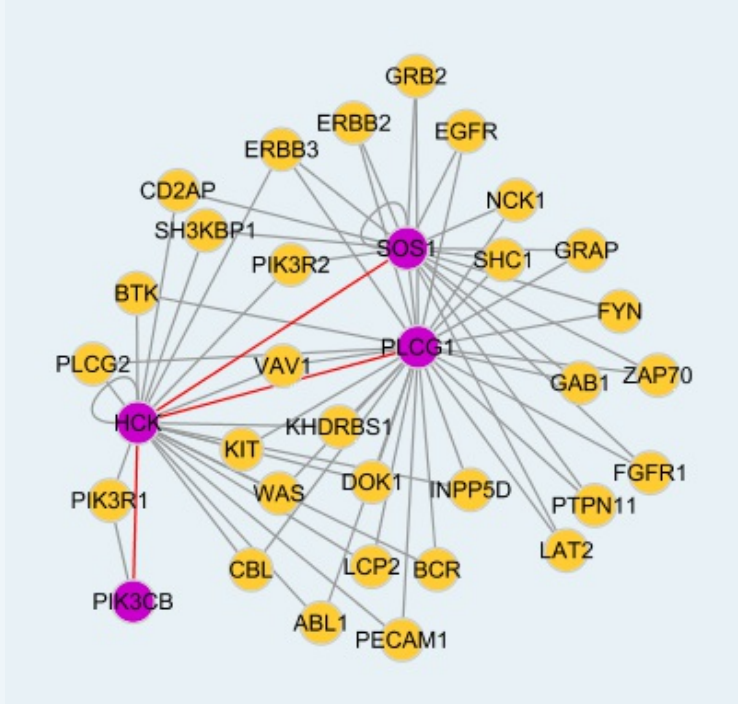
Gene Ontology: [Hyperlink](#)

**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 tyrosine protein kinase HCK

Designations:

Interactome



Gene Pathway

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

Related Disease

[HIV Infections Pulmonary Disease, Chronic Obstructive](#)