antibodies -online.com







anti-HCK antibody

Images

Publications



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Quantity:	100 μL	
Target:	HCK	
Reactivity:	Human	
Host:	Mouse	
Clonality:	Monoclonal	
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)	

Product Details

Immunogen:	Purified recombinant fragment of HCK expressed in E. coli.
Clone:	3D12E10
Isotype:	lgG1
Purification:	purified

Target Details

Target:	HCK	
Alternative Name:	HCK (HCK Products)	
Background:	Description: 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	

Target Details

	isoforms, that have different subcellular localization. Aliases: JTK9
Gene ID:	3055
HGNC:	3055
Pathways:	Activation of Innate immune Response, Cellular Response to Molecule of Bacterial Origin, Regulation of Actin Filament Polymerization, CXCR4-mediated Signaling Events, Thromboxane A2 Receptor Signaling
Application Details	

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000	
Restrictions:	For Research Use only	

Handling

Format:	Liquid	
Buffer:	Ascitic fluid containing 0.03 % sodium azide.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	4 °C/-20 °C	
Storage Comment:	4°C, -20°C for long term storage	

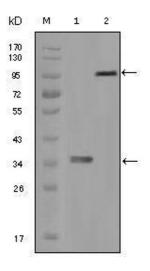
Publications

Product cited in:

Jan, Adolfsson, Allaman, Buccarello, Magistretti, Pfeifer, Muhs, Lashuel: "Abeta42 neurotoxicity is mediated by ongoing nucleated polymerization process rather than by discrete Abeta42 species." in: **The Journal of biological chemistry**, Vol. 286, Issue 10, pp. 8585-96, (2011) (PubMed).

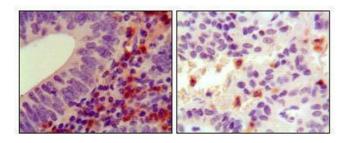
Deshmukh, Salehzadeh, Metayer-Coustard, Fahlman, Nair, Al-Khalili: "Post-transcriptional gene silencing of ribosomal protein S6 kinase 1 restores insulin action in leucine-treated skeletal muscle." in: **Cellular and molecular life sciences : CMLS**, Vol. 66, Issue 8, pp. 1457-66, (2009) (PubMed).

Images



Western Blotting

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



Immunohistochemistry

Image 2. Immunohistochemical analysis of paraffinembedded human colon cancer (left) and ancreas cancer (right), showing cytoplasmic localization using HCK mouse mAb with DAB staining.