

For Research Use Only

# ILK Monoclonal antibody, PBS Only

Catalog Number: 67724-1-PBS



## Basic Information

<b>Catalog Number:</b> 67724-1-PBS	<b>GenBank Accession Number:</b> BC001554	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 1 mg/ml	<b>GeneID (NCBI):</b> 3611	<b>CloneNo.:</b> 1E10E4
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q13418	
<b>Isotype:</b> IgG1	<b>Full Name:</b> integrin-linked kinase	
<b>Immunogen Catalog Number:</b> AG21289	<b>Calculated MW:</b> 451 aa, 59 kDa	
	<b>Observed MW:</b> 51 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
Human, mouse, rat, pig

## Background Information

ILK (Integrin-linked protein kinase) is also named as p59, PAT-4, DKFZp686F1765, ILK-1, ILK-2, ILK1, ILK2, p59ILK and belongs to the TKL Ser/Thr protein kinase family. This protein localizes to multiple sites, including the cytoplasm, and imports into the nucleus through sequences in its N-terminus, via active transport mechanisms that involve nuclear pore complexes (PMID: 18635968). ILK performs crucial roles in the control of intestinal cell and crypt-villus axis homeostasis—especially with regard to basement membrane fibronectin deposition—as well as cell proliferation, spreading, and migration (PMID: 19885839).

## Storage

**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS Only

For technical support and original validation data for this product please contact:

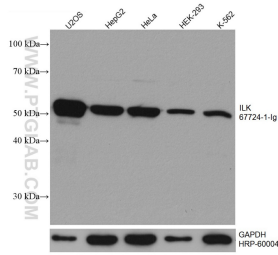
T: 4006900926

E: Proteintech-CN@ptglab.com

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**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67724-1-Ig (ILK antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control. This data was developed using the same antibody clone with 67724-1-PBS in a different storage buffer formulation.