

For Research Use Only

# ILK Monoclonal antibody, PBS Only

Catalog Number:67724-1-PBS



## Basic Information

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|--|--|---|
| <b>Catalog Number:</b><br>67724-1-PBS                      | <b>GenBank Accession Number:</b><br>BC001554 | <b>Purification Method:</b><br>Protein G purification |
| <b>Size:</b><br>100ug , Concentration: 1mg/ml by Nanodrop; | <b>GeneID (NCBI):</b><br>3611                | <b>CloneNo.:</b><br>1E10E4                            |
| <b>Source:</b><br>Mouse                                    | <b>UNIPROT ID:</b><br>Q13418                 |   |
| <b>Isotype:</b><br>IgG1                                    | <b>Full Name:</b><br>integrin-linked kinase  |   |
| <b>Immunogen Catalog Number:</b><br>AG21289                | <b>Calculated MW:</b><br>451 aa, 59 kDa      |   |
|  | <b>Observed MW:</b><br>51 kDa                |   |

## Applications

**Tested Applications:**  
WB, IHC, 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

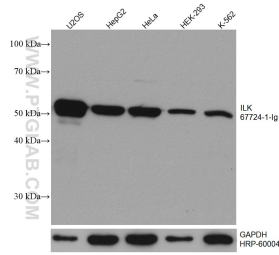
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

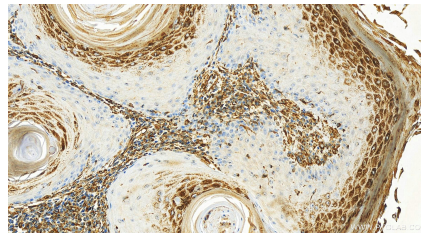
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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## 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.



Immunohistochemical analysis of paraffin-embedded skin cancer slide using 67724-1-Ig (ILK antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67724-1-PBS in a different storage buffer formulation.