

For Research Use Only

ILK Monoclonal antibody

Catalog Number: 67724-1-Ig



Basic Information

Catalog Number: 67724-1-Ig	GenBank Accession Number: BC001554	Purification Method: Protein G purification
Size: 1000 µg/ml	GeneID (NCBI): 3611	CloneNo.: 1E10E4
Source: Mouse	UNIPROT ID: Q13418	Recommended Dilutions: WB 1:2000-1:10000
Isotype: IgG1	Full Name: integrin-linked kinase	
Immunogen Catalog Number: AG21289	Calculated MW: 451 aa, 59 kDa	
	Observed MW: 51 kDa	

Applications

Tested Applications:
WB, ELISA

Species Specificity:
Human, mouse, rat, pig

Positive Controls:
WB : U2OS cells, human placenta tissue, human peripheral blood platelets, rat colon tissue, mouse colon tissue, pig colon tissue, HepG2 cells, HeLa cells, HEK-293 cells, K-562 cells

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 -20°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

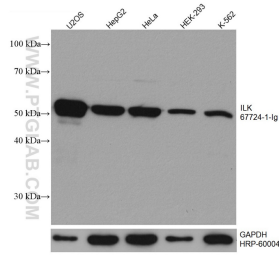
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.