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# Datasheet for ABIN1098122 anti-ILK antibody (AA 97-244)

6 Images

2 Publications



#### Overview

Quantity:	100 μL
Target:	ILK
Binding Specificity:	AA 97-244
Reactivity:	Human, Mouse, Monkey
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS)

# Product Details

Immunogen:	Purified recombinant fragment of human ILK (AA: 97-244) expressed in E. coli.
Clone:	3A9
lsotype:	lgG1
Purification:	purified

## Target Details

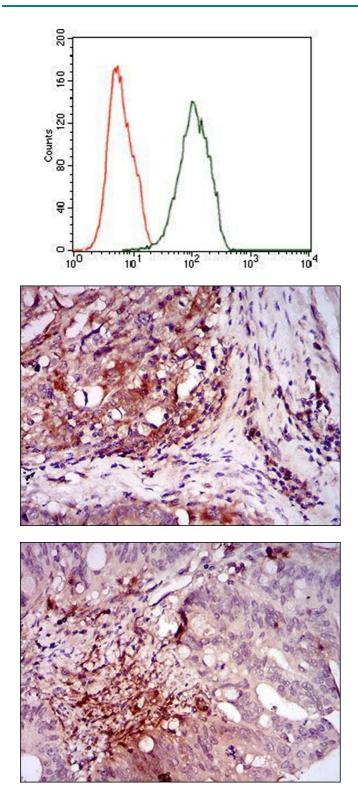
Target:	ILK
Alternative Name:	ILK (ILK Products)
Background:	Description: Transduction of extracellular matrix signals through integrins influences intracellular and extracellular functions, and appears to require interaction of integrin
	cytoplasmic domains with cellular proteins. Integrin-linked kinase (ILK), interacts with the
	cytoplasmic domain of beta-1 integrin. This gene encodes a serine/threonine protein kinase

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	with 4 ankyrin-like repeats, which associates with the cytoplasmic domain of beta integrins an
	acts as a proximal receptor kinase regulating integrin-mediated signal transduction. Multiple
	alternatively spliced transcript variants encoding the same protein have been found for this
	gene.
	Aliases: P59, ILK-2
Molecular Weight:	51.4 kDa
Gene ID:	3611
HGNC:	3611
Pathways:	Regulation of Muscle Cell Differentiation, Regulation of Cell Size, Maintenance of Protein
	Location, Skeletal Muscle Fiber Development, Smooth Muscle Cell Migration
Application Details	
Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000, FCM: 1:200 - 1:400
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:	Muscarella, Barbano, DAngelo, Copetti, Coco, Balsamo, la Torre, Notarangelo, Troiano, Parisi,
	Icolaro, Catapano, Valori, Pellegrini, Merla, Carella, Fazio, Parrella: "Regulation of KEAP1
	expression by promoter methylation in malignant gliomas and association with patient's
	outcome." in: <b>Epigenetics</b> , Vol. 6, Issue 3, pp. 317-25, (2011) (PubMed).
	Niture, Jaiswal: "INrf2 (Keap1) targets Bcl-2 degradation and controls cellular apoptosis." in:
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## Images



## Flow Cytometry

**Image 1.** Flow cytometric analysis of Jurkat cells using ILK mouse mAb (green) and negative control (red).

#### Immunohistochemistry

**Image 2.** Immunohistochemical analysis of paraffinembedded esophageal cancer tissues using ILK mouse mAb with DAB staining.

#### Immunohistochemistry

**Image 3.** Immunohistochemical analysis of paraffinembedded rectum cancer tissues using ILK mouse mAb with DAB staining.

Please check the product details page for more images. Overall 6 images are available for ABIN1098122.

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