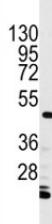


## Integrin linked kinase Antibody (F50637)

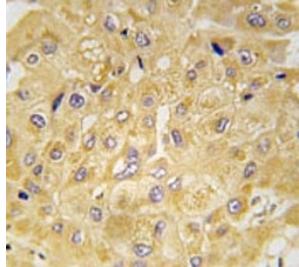
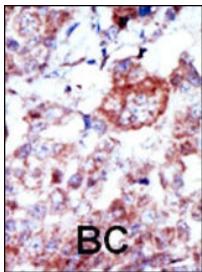
Catalog No.	Formulation	Size
F50637-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F50637-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Predicted Reactivity</b>	Bovine, Rat
<b>Format</b>	Purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Purified
<b>UniProt</b>	O55222
<b>Localization</b>	Cytoplasmic
<b>Applications</b>	Western Blot : 1:1000 IHC (Paraffin) : 1:50-1:100
<b>Limitations</b>	This Integrin linked kinase antibody is available for research use only.



Western blot analysis of Integrin linked kinase antibody and HL-60 cell lysate. Expected molecular weight: 51-59 kDa.



IHC analysis of FFPE human hepatocarcinoma tissue stained with Integrin linked kinase antibody

## 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. ILK encodes a predicted 451-amino acid protein, with an apparent molecular weight of 59 kD. The ILK protein is a serine/threonine protein kinase with 4 ankyrin-like repeats. ILK regulates integrin-mediated signal transduction.

## Application Notes

Titration of the Integrin linked kinase antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 11-41 from the mouse protein was used as the immunogen for this Integrin linked kinase antibody.

## Storage

Aliquot the Integrin linked kinase antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.