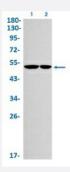


 $\textbf{RecomAb}^{\text{\tiny{TM}}}$ 

# ILK recombinant monoclonal antibody, clone R01-7F8

Catalog # RAB02166 Size 100 uL

### **Applications**



#### Western Blot

Western Blot analysis of Lane 1: C6 and Lane 2: Hela lysates with ILK recombinant monoclonal antibody, clone R01-7F8 (Cat # RAB02166).

Specification	
Product Description	Rabbit recombinant monoclonal antibody raised against human ILK.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human ILK.
Theoretical MW (kDa)	Calculated MW: 51 kD
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Affinity purification
Isotype	lgG
Recommend Usage	Immunoprecipitation(1:20) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)



### **Product Information**

Storage Instruction	Store at -20 °C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

## **Applications**

Western Blot

Western Blot analysis of Lane 1: C6 and Lane 2: Hela lysates with ILK recombinant monoclonal antibody, clone R01-7F8 (Cat # RAB02166).

Immunoprecipitation

Gene Info — ILK	
Entrez GenelD	<u>3611</u>
Protein Accession#	Q13418
Gene Name	ILK
Gene Alias	DKFZp686F1765, P59
Gene Description	integrin-linked kinase
Omim ID	602366
Gene Ontology	<u>Hyperlink</u>
Gene Summary	Transduction of extracellular matrix signals through integrins influences intracellular and extracellul ar 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 with 4 ankyrin-like repeats, which associates with the cytoplasmic domain of beta integrins and 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. [provided by RefSeq
Other Designations	-

### Pathway

Endometrial cancer



- Focal adhesion
- PPAR signaling pathway