

# ILK (Human) Cell-Based ELISA Kit

Catalog # KA2921

Size 1 Kit

## Specification

|                            |                                                                                                                                              |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b> | ILK (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of ILK expression in cultured cells. |
| <b>Suitable Sample</b>     | Attached Cell, Loosely Attached Cell, Suspension Cell                                                                                        |
| <b>Label</b>               | HRP-conjugated                                                                                                                               |
| <b>Detection Method</b>    | Colorimetric                                                                                                                                 |
| <b>Assay Type</b>          | Qualitative                                                                                                                                  |
| <b>Reactivity</b>          | Human, Mouse, Rat                                                                                                                            |
| <b>Regulation Status</b>   | For research use only (RUO)                                                                                                                  |
| <b>Storage Instruction</b> | Store the kit at 4°C.                                                                                                                        |

## Applications

- Qualitative

## Gene Info — ILK

|                           |                        |
|---------------------------|------------------------|
| <b>Entrez GeneID</b>      | <a href="#">3611</a>   |
| <b>Protein Accession#</b> | <a href="#">Q13418</a> |
| <b>Gene Name</b>          | ILK                    |
| <b>Gene Alias</b>         | DKFZp686F1765, P59     |
| <b>Gene Description</b>   | integrin-linked kinase |

Omim ID [602366](#)

Gene Ontology [Hyperlink](#)

**Gene Summary**

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 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](#)