

## ILK monoclonal antibody

Catalog: MB21663

Host: Mouse

Reactivity: Human, Mouse, Monkey

### BackGround:

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.

### Product:

Ascitic fluid containing 0.03% sodium azide.

### Molecular Weight:

51.4kDa

### Swiss-Prot:

Q13418

### Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB:1/500 - 1/2000 IHC:1/200 - 1/1000 FC:1/200 - 1/400

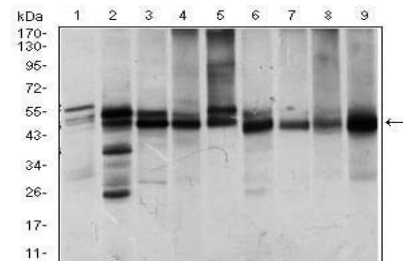
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

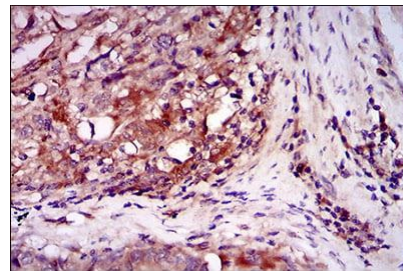
### Isotype:

Mouse IgG1

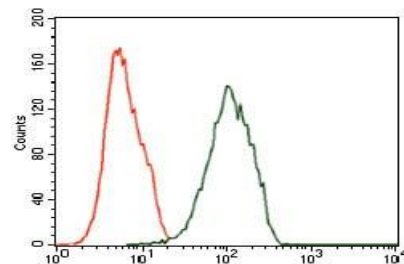
### DATA:



Western blot analysis using ILK mouse mAb against Jurkat (1), NIH3T3 (2), HeLa (3), PC-12 (4), C6 (5), COS7 (6), Raji (7), K562 (8) and MCF-7 (9) cell lysate.



Immunohistochemical analysis of paraffin-embedded human esophageal cancer tissues using ILK mouse mAb with DAB staining.



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

### Note:

For research use only, not for use in diagnostic procedure.

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