

Datasheet: VMA00624

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|----------------------|------------------------|
| Description: | MOUSE ANTI ILK1 |
| Specificity: | ILK1 |
| Format: | Purified |
| Product Type: | PrecisionAb Monoclonal |
| Clone: | CD01/2F7 |
| Isotype: | IgG2b |
| Quantity: | 100 µl |

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

| | Yes | No | Not Determined | Suggested Dilution |
|------------------|-----|----|----------------|--------------------|
| Flow Cytometry | ▪ | | | |
| Western Blotting | ▪ | | | 1/1000 |

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

Target Species

Human

Species Cross Reactivity

Reacts with: Mouse, Rat

N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Purified IgG - liquid

Preparation

Mouse monoclonal antibody purified by affinity chromatography on Protein G from tissue culture supernatant.

Buffer Solution

Phosphate buffered saline.

Preservative

0.09% Sodium Azide (NaN₃).

Stabilisers

Approx. Protein Concentrations IgG concentration 1 mg/ml.

Immunogen *E. coli*-derived recombinant human ILK1 (aa 1-452)

External Database Links

UniProt:

[Q13418](#) [Related reagents](#)

Entrez Gene:

[3611](#) ILK [Related reagents](#)

Synonyms ILK1, ILK2

Specificity **Mouse anti Human ILK1 antibody** recognizes ILK1, also known as p59, integrin linked kinase or 59 kDa serine/threonine-protein kinase.

This gene encodes a protein with a kinase-like domain and four ankyrin-like repeats. The encoded protein associates at the cell membrane with the cytoplasmic domain of beta integrins, where it regulates integrin-mediated signal transduction. Activity of this protein is important in the epithelial to mesenchymal transition, and over-expression of this gene is implicated in tumor growth and metastasis. Alternative splicing results in multiple transcript variants (provided by RefSeq, Jun 2013).

Mouse anti Human ILK1 antibody detects a band of 50 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting Mouse anti ILK1 antibody detects a band of approximately 50 kDa in HeLa cell lysates.

Storage Store undiluted at -20°C, avoiding repeated freeze thaw cycles.

Guarantee 12 months from date of despatch.

Acknowledgements PrecisionAb is a trademark of Bio-Rad Laboratories.

Health And Safety Information Material Safety Datasheet documentation #10040 available at: <https://www.bio-rad-antibodies.com/SDS/VMA00624>
Antibody (10040)

Regulatory For research purposes only.

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (H/L) (STAR207...) [HRP](#)

Recommended Negative Controls

[MOUSE IgG2b NEGATIVE CONTROL \(MCA691\)](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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