

# Anti-PDK1/PDPK1 Antibody (R2U74)

## Summary

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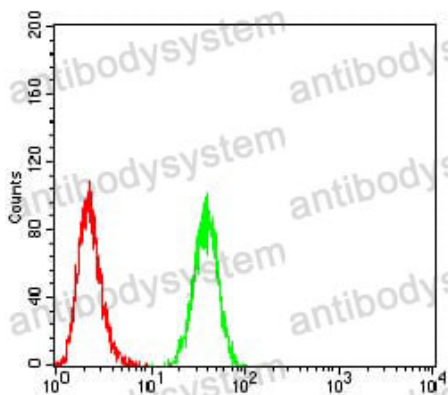
|                              |   |
|------------------------------|---|
| <b>Catalog No.</b>           | RHA56303  |
| <b>Clone ID</b>              | R2U74   |
| <b>Host species</b>          | Mouse   |
| <b>Tested applications</b>   | ELISA: 1:10000, FCM: 1:200-1:400, IF: 1:50-1:200, IHC: 1:200-1:1000, WB: 1:500-1:2000   |
| <b>Species reactivity</b>    | Human, Mouse, Rat, Monkey   |
| <b>Form</b>                  | Liquid  |
| <b>Storage buffer</b>        | 0.01M PBS, pH 7.4, 0.05% Sodium Azide.  |
| <b>Concentration</b>         | 1 mg/ml   |
| <b>Purity</b>                | >95% as determined by SDS-PAGE.   |
| <b>Clonality</b>             | Monoclonal  |
| <b>Isotype</b>               | IgG1  |
| <b>Applications</b>          | ELISA, FCM, IF, IHC, WB   |
| <b>Target</b>                | PDK1, hPDK1, PDPK1, 3-phosphoinositide-dependent protein kinase 1   |
| <b>Purification</b>          | Protein A/G purified from cell culture supernatant.   |
| <b>Endotoxin level</b>       | Please contact with the lab for this information.   |
| <b>Accession</b>             | O15530  |
| <b>Stability and Storage</b> | Use a manual defrost freezer and avoid repeated freeze-thaw cycles.<br>Store at 4°C short term (1-2 weeks). Store at -20°C 12 months. Store at -80°C long term. |

**Note**

For research use only.

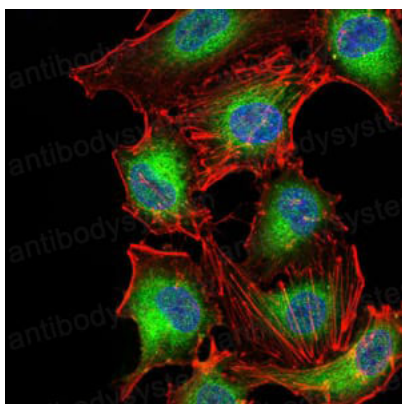
## Data Image

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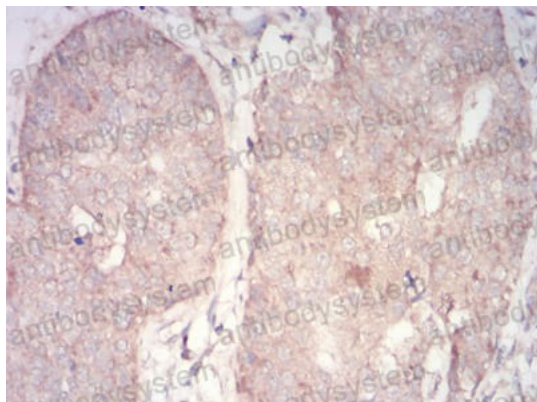
Flow Cytometry

Flow cytometric analysis of A549 cells using PDPK1 mouse mAb (green) and negative control (red).



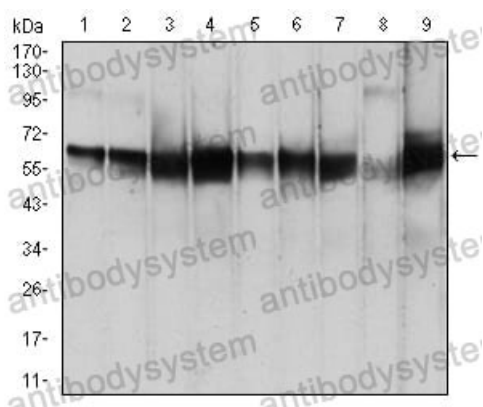
Immunofluorescence

Immunofluorescence analysis of A549 cells using PDPK1 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



Immunohistochemical

Immunohistochemical analysis of paraffin-embedded human bladder cancer tissues using PDPK1 mouse mAb with DAB staining.



Western blot

Western blot analysis using PDPK1 mouse mAb against MCF-7 (1), HeLa (2), K562 (3), U937 (4), A549 (5), NIH/3T3 (6), Jurkat (7), PC-12 (8), and Cos7 (9) cell lysate.