

Datasheet for ABIN518759
anti-PDK3 antibody (AA 174-263)

3 Images

[Go to Product page](#)

Overview

| | |
|----------------------|-------------------------------------|
| Quantity: | 100 µg |
| Target: | PDK3 |
| Binding Specificity: | AA 174-263 |
| Reactivity: | Human |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This PDK3 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA |

Product Details

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|-------------------|--|
| Purpose: | Mouse monoclonal antibody raised against a partial recombinant PDK3. |
| Immunogen: | PDK3 (AAH15948, 174 a.a. ~ 263 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| Sequence: | GDTNPVHPKH IGSIDPTCNV ADVVKDAYET AKMLCEQYYL VAPELEVVEEF NAKAPDKPIQ VYVPSHLFH MLFELFKNSM RATVELYEDR |
| Clone: | 3A1 |
| Isotype: | IgG1 |
| Cross-Reactivity: | Human |
| Characteristics: | Antibody Reactive Against Recombinant Protein. |

Target Details

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|-------------------|--|
| Target: | PDK3 |
| Alternative Name: | PDK3 (PDK3 Products) |
| Background: | Full Gene Name: pyruvate dehydrogenase kinase, isozyme 3 Synonyms: |
| Gene ID: | 5165 |
| Pathways: | PI3K-Akt Signaling , Carbohydrate Homeostasis , Regulation of Carbohydrate Metabolic Process , Warburg Effect |

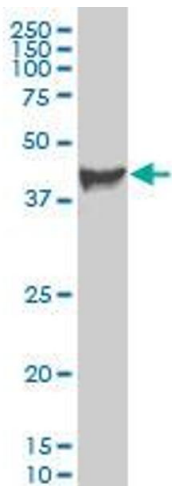
Application Details

| | |
|--------------------|--|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions: | For Research Use only |

Handling

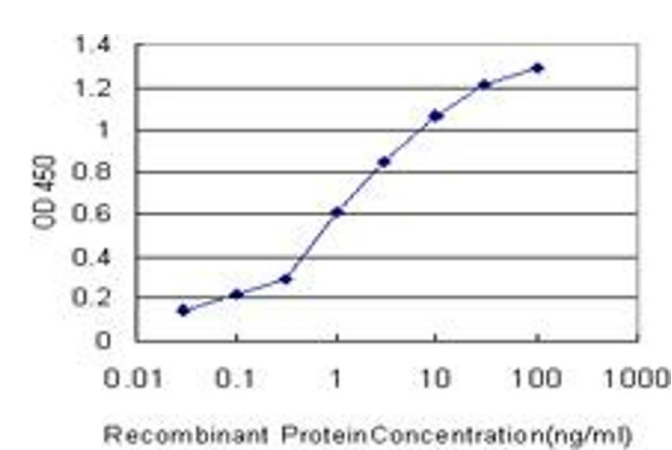
| | |
|------------------|--|
| Buffer: | In 1x PBS, pH 7.4 |
| Handling Advice: | Aliquot to avoid repeated freezing and thawing. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

Images



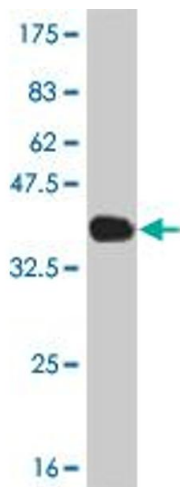
Western Blotting

Image 1. PDK3 monoclonal antibody (M02), clone 3A1
Western Blot analysis of PDK3 expression in A-431 .



ELISA

Image 2. Detection limit for recombinant GST tagged PDK3 is approximately 0.03ng/ml as a capture antibody.



Western Blotting

Image 3. Western Blot detection against Immunogen (35.31 kDa) .