# Recombinant Pyruvate Dehydrogenase E2 Monoclonal Antibody

## Description

This Recombinant Pyruvate Dehydrogenase E2 Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

## Product Information

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|---|---|
| **SKU:** | AGEL8380 |
| **Contents:** | Recombinant Pyruvate Dehydrogenase E2 Monoclonal Antibody (50 µL, 100 µL)<br>Bradford Reagent: 1 vial (2ml) |
| **Clone:** | C173075 |
| **Applications:** | WB, ICC/IF, FCM, IP |
| **Reactivity:** | Human, Mouse, Rat |

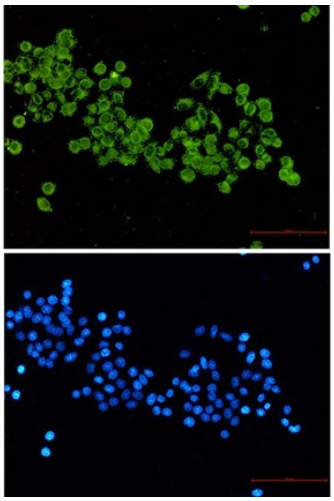
## Antibody Data

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|---|---|
| **Uniprot ID:** | P10515 |
| **Size:** | 50 µL, 100 µL |
| **Host Species:** | Rabbit |
| **Isotype:** | Rabbit IgG |
| **Conjugation:** | Unconjugated |
| **Buffer:** | 0.2 µm filtered solution in PBS |

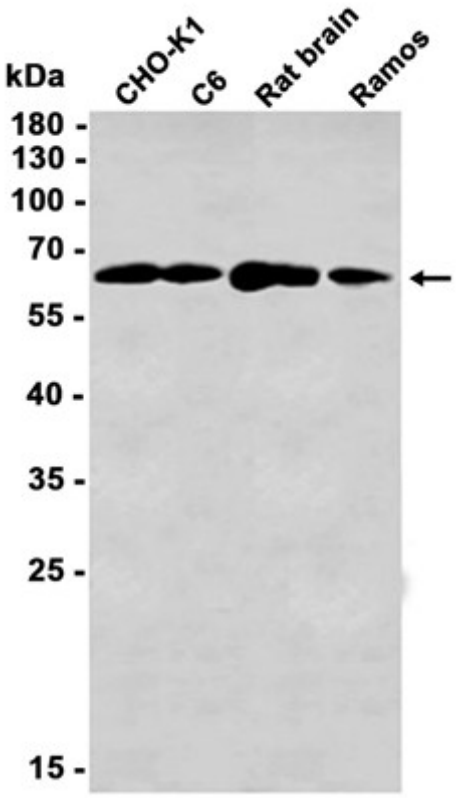
## Preparation & Storage

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|---|---|
| **Storage:** | This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.<br>Store Bradford Reagent at Room Temperature for 1 Year. |
| **Shipping:** | Gel Pack |
| **Preparation:** | WB 1:1000-1:5000, ICC/IF 1:50-1:100, FCM 1:10-1:100, IP 1:10-1:100 |
| **Protein Quantification (Optional):** | To quantify total protein levels, use the Bradford Reagent included in this kit. Visit https://www.assaygenie.com/bradford-protein-assay-protocol/ to view the full protocol |
| **Notes:** | Centrifuge before opening to ensure complete recovery of vial contents. |

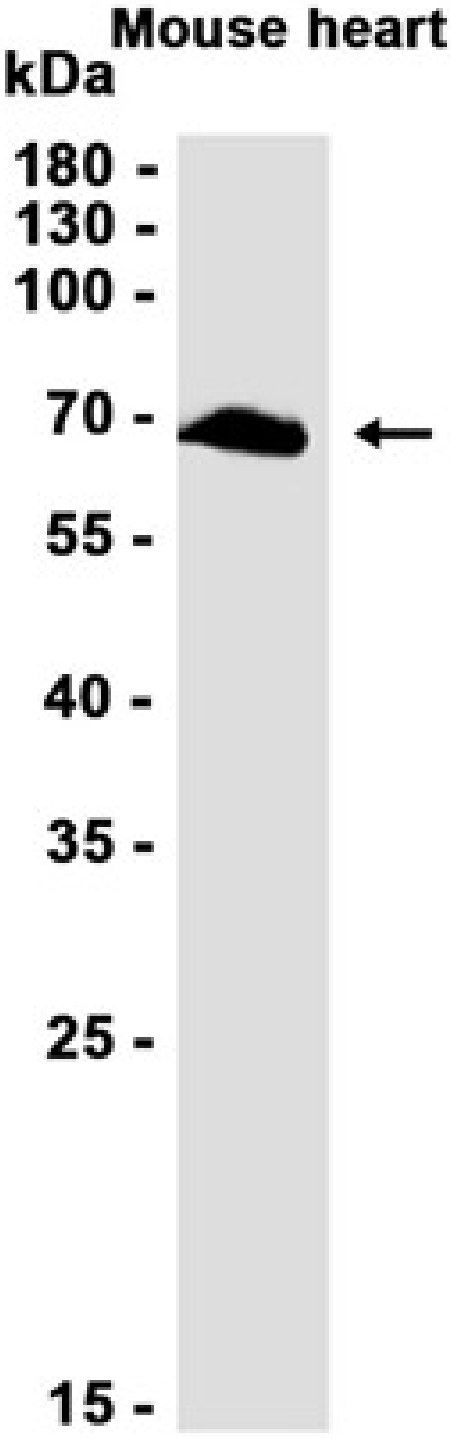
## Validation Data



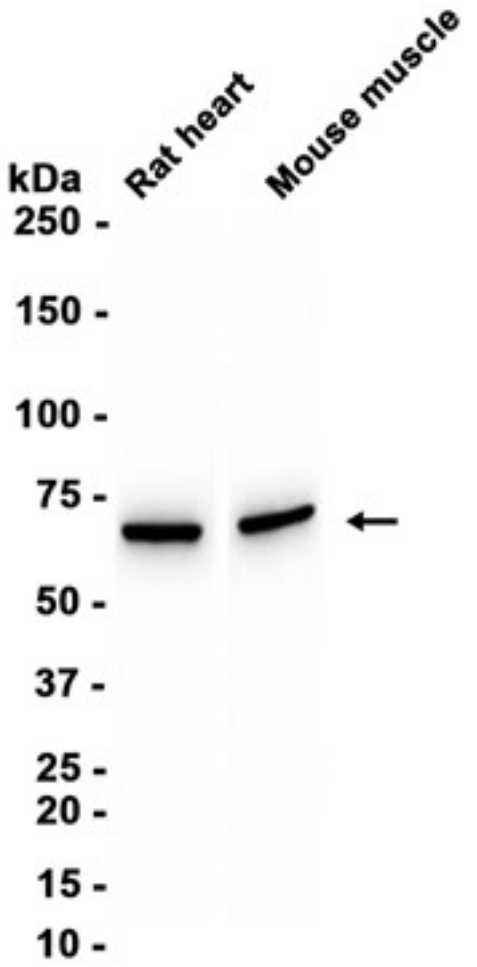
Immunofluorescent analysis of HeLa cells using Pyruvate Dehydrogenase E2 Monoclonal Antibody (green), and DAPI (blue).




Western Blot analysis of CHO-K1, C6, Ramos cells and Rat brain using Pyruvate Dehydrogenase E2 Monoclonal Antibody at dilution of 1:1000. Observed-MW:69 kDa Calculated-MW:69 kDa




Western Blot analysis of Mouse heart using Pyruvate Dehydrogenase E2 Monoclonal Antibody at dilution of 1:1000. Observed-MW:69 kDa Calculated-MW:69 kDa




Western Blot analysis of Rat heart, Mouse muscle using Pyruvate Dehydrogenase E2 Monoclonal Antibody at dilution of 1:1000. Observed-MW:69 kDa Calculated-MW:69 kDa

**Manufacturers Statement**

This final kit system is assembled and quality-released by Assay Genie Limited.