

# Anti-Pyruvate Dehydrogenase E2 [4A4-B6-C10] Monoclonal Antibody

## AGMB04639

### Description

---

This Anti-Pyruvate Dehydrogenase E2 [4A4-B6-C10] 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

---

<b>SKU:</b>	AGMB04639
<b>Contents:</b>	20µl, 50µl, 100µl Bradford Reagent: 1 vial (2ml)
<b>Synonyms:</b>	DLAT, DLTA, E2, PBC, PDCE2, 70 kDa mitochondrial autoantigen of primary biliary cirrhosis, Dihydrolipoamide acetyltransferase component of pyruvate dehydrogenase complex, Dihydrolipoamide S Acetyltransferase,
<b>Applications:</b>	<b>WB</b> <b>ICC/IF</b> <b>IP</b>
<b>Research Area:</b>	Signal Transduction
<b>Form:</b>	Liquid

### Antibody Data

---

<b>Reactivity:</b>	Human, Monkey
<b>Clone:</b>	4A4-B6-C10
<b>Clonality:</b>	Monoclonal Antibody
<b>SwissProt ID:</b>	P10515
<b>Immunogen:</b>	Purified recombinant human Pyruvate Dehydrogenase E2 protein fragments expressed in E.coli.

#### Manufacturers Statement

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

**Gene ID:** 1737

**Gene Name:** DLAT

**Host Species:** Mouse

**Isotype:** IgG1

**Purification:** Affinity Purified

**Conjugated:** Unconjugated

**Modification:** Unmodified

**Molecular Weight:** Calculated MW: 69 kDa, Observed MW: 69 kDa

## Preparation & Storage

---

**Storage:** Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.  
Store Bradford Reagent at Room Temperature for 1 Year.

**Storage Buffer:** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

**Antibody Dilution Ratio:**

Application	Antibody Dilution Ratio
WB	1:500-1:1000
IF	1:50-1:200
IP	1:20

**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.