

**JC046391**

**GLUD1 Antibody**



- 50ul
- 100 uL

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**Description:**

Mitochondrial glutamate dehydrogenase that converts L-glutamate into alpha-ketoglutarate. Plays a key role in glutamine anaplerosis by producing alpha-ketoglutarate, an important intermediate in the tricarboxylic acid cycle. May be involved in learning and memory reactions by increasing the turnover of the excitatory neurotransmitter glutamate (By similarity).

**Uniprot :** P00366, P00367

**Alternative Names:**

AI118167; DHE3\_HUMAN; EC 1.4.1.3; GDH 1; GDH; Gdh-X; GDH1; GLUD; Glud1; Glud1a; Glud1b; Gludl; Glutamate dehydrogenase (NAD(P)+); Glutamate dehydrogenase 1; Glutamate dehydrogenase 1 mitochondrial; Glutamate dehydrogenase 1a; Glutamate dehydrogenase 1b; Memory-related gene 2 protein; MGC127177; MGC132003; MGC80801; MGC93608; mitochondrial; MRG-2;

**Reactivity :** Cow, Human, Mouse, Rat

**Source :** Mouse monoclonal

**Mol.Wt. :** 61kDa

**Storage Condition :** Store at -20 °C. Stable for 12 months from date of receipt.

**Application :** WB 1:500-1:2000, IP 1:50-100