

A Reliable Research Partner in Life Science and Medicine

# **Recombinant GCLM Monoclonal Antibody**

catalog number: AN301022L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

#### **Description**

Reactivity Human; Mouse; Rat

Immunogen Recombinant Human GCLM protein

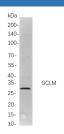
HostRabbitIsotype $IgG,\kappa$ CloneB773PurificationProtein A

Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

## Applications Recommended Dilution

**IHC** 1:200-1:500 **WB** 1:1000-1:5000

#### Data



Western Blot with Recombinant GCLM Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: NIH-3T3 cells.

Calculated-MW:31 kDa

:1000 dilution. Lane A: NIH-3T3 cells. ti
Observed-MW:31 kDa

Immunohistochemistry of paraffin-embedded human liver tissue using Recombinant GCLM Monoclonal Antibody at dilution of 1:200.

# **Preparation & Storage**

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping lce bag

### **Background**

Glutamate-cysteine ligase, also known as gamma-glutamylcysteine synthetase, is the first rate limiting enzyme of glutathione synthesis. The enzyme consists of two subunits, a heavy catalytic subunit and a light regulatory subunit. Gamma glutamylcysteine synthetase deficiency has been implicated in some forms of hemolytic anemia. Alternative splicing results in multiple transcript variants encoding different isoforms.

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