

## Product Information

**Size:**

5µg

**Applications:****Reactivity:**

Human

**Source:**

Mouse

**Isotype:**

IgG1

**Purification Method:**

GCLM antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.

**Protein Background:**

Glutamate-cysteine ligase (GCLM) is the first rate limiting enzyme of glutathione synthesis. The GCLM enzyme is comprised of 2 subunits, a heavy catalytic subunit and a light regulatory subunit. GCLM deficiency is associated with some forms of hemolytic anemia.

**Synonyms:**

Glutamate--cysteine ligase regulatory subunit, GCS light chain, Gamma-ECS regulatory subunit, Gamma-glutamylcysteine synthetase regulatory subunit, Glutamate--cysteine ligase modifier subunit, GCLM, GLCLR.

**Immunogen:**

Anti-human GCLM mAb is derived from hybridization of mouse F myeloma cells with spleen cells from BALB/c mice immunized with recombinant human GCLM amino acids 1-274 purified from Ecoli.

**Storage:**

For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.