

### 32-5976: Mouse Anti Human Glutamate-Cysteine Ligase, Modifier Subunit(Clone:P2D12AT.)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	P2D12AT.
<b>Gene :</b>	GCLM
<b>Gene ID :</b>	2730
<b>Uniprot ID :</b>	P48507
<b>Format :</b>	Purified
<b>Alternative Name :</b>	Glutamate--cysteine ligase regulatory subunit,GCS light chain,Gamma-ECS regulatory subunit,Gamma-glutamylcysteine synthetase regulatory subunit,Glutamate--cysteine ligase modifier subunit,GCLM,GLCLR.
<b>Isotype :</b>	Mouse IgG1 heavy chain and kappa light chain.
<b>Immunogen Information :</b>	Anti-human GCLM mAb is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with recombinant human GCLM amino acids 1-274 purified from E. coli.

#### Description

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.

#### Product Info

<b>Amount :</b>	20 µg
<b>Purification :</b>	GCLM antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.
<b>Content :</b>	1mg/ml containing PBS, pH-7.4, & 0.1% Sodium Azide.
<b>Storage condition :</b>	For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.