

Product datasheet for **TA355383**

GCLM Mouse Monoclonal Antibody [Clone ID: 4B5]

Product data:

Product Type:	Primary Antibodies
Clone Name:	4B5
Applications:	WB
Reactivity:	Human
Host:	Mouse
Isotype:	IgM, kappa
Clonality:	Monoclonal
Specificity:	Expected reactivity: Human
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	30kDa
Gene Name:	glutamate-cysteine ligase modifier subunit
Database Link:	NP_002052 Entrez Gene 2730 Human P48507
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.
Synonyms:	GLCLR
Protein Families:	Druggable Genome
Protein Pathways:	Glutathione metabolism, Metabolic pathways



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Product images:

