

Recombinant Anti-GCLM Rabbit mAb

Catalog # AP95124

Product Information

Application	WB, IHC, FC, IP, IF/IC
Primary Accession	P48507
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal
Calculated MW	30727

Additional Information

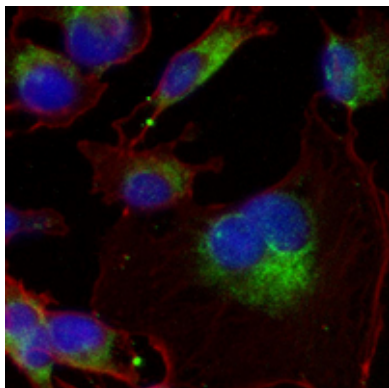
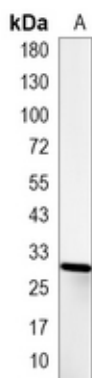
Gene ID	2730
Other Names	GLCLR; Glutamate--cysteine ligase regulatory subunit; GCS light chain; Gamma-ECS regulatory subunit; Gamma-glutamylcysteine synthetase regulatory subunit; Glutamate--cysteine ligase modifier subunit
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within human GCLM protein. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500 FC~~1:10~50 IP~~N/A IF/IC~~N/A
Format	Liquid in PBS, pH 7.3, 50% glycerol, 0.05% BSA, and 0.05% Proclin300.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	GCLM
Synonyms	GLCLR
Tissue Location	In all tissues examined. Highest levels in skeletal muscle

Images

Western blot analysis of GCLM expression in K562 (A) whole cell lysates. (Predicted band size: 31 kD; Observed band size: 31 kD)



Immunofluorescent analysis of GCLM staining in K562 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

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