

For Research Use Only

GCLM Recombinant antibody

Catalog Number: 82623-1-RR

Featured Product



Basic Information

Catalog Number: 82623-1-RR	GenBank Accession Number: BC041809	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 2730	CloneNo.: 4K16
Source: Rabbit	Full Name: glutamate-cysteine ligase, modifier subunit	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Calculated MW: 31 kDa	
Immunogen Catalog Number: AG5497	Observed MW: 31 kDa	

Applications

Tested Applications:
WB, ELISA

Species Specificity:
Human, Mouse, Rat

Positive Controls:

WB : HeLa cells, RAW 264.7 cells, HEK-293 cells, A431 cells, Jurkat cells, K-562 cells, HSC-T6 cells

Background Information

GCLM (Glutamate--cysteine ligase regulatory subunit) is also named as GLCLR and belongs to the aldo/keto reductase family. It catalyzes the first step of GSH synthesis and is involved in gamma-glutamyl cycle. GCLM is implicated in some forms of hemolytic anemia.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

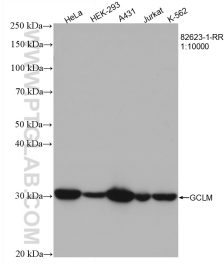
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

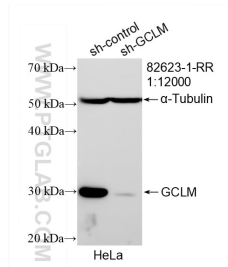
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 82623-1-RR (GCLM antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



WB result of GCLM antibody (82623-1-RR; 1:12000; incubated at room temperature for 1.5 hours) with sh-Control and sh-GCLM transfected HeLa cells.