

产品名称: GCLC Rabbit Monoclonal Antibody
产品货号: AMRe21252



产品概述 (Summary)

产品名称 (Production Name)	GCLC Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ICC/IF,ELISA,IP
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG,Kappa
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protective protein
纯化方式 (Purification)	Protein A

免疫原信息 (Immunogen)

基因名 (Gene Name)	GCLC
别名 (Alternative Names)	GCLC;GLCL;GLCLC;Glutamate--cysteine ligase catalytic subunit;GCS heavy chain;Gamma-ECS;Gamma-glutamylcysteine synthetase
基因 ID (Gene ID)	2729.0
蛋白 ID (SwissProt ID)	P48506.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:2000-1:10000,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000,IP 1:50-1:200
蛋白分子量 (Molecular Weight)	Calculated MW:73kD;Observed MW:73kD

研究背景 (Background)

Cell localization:Cytoplasm.Glutamate-cysteine ligase, also known as gamma-glutamylcysteine synthetase is the first rate-

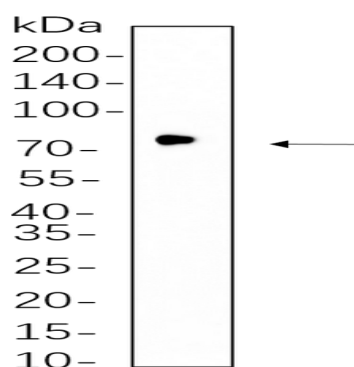
产品名称: GCLC Rabbit Monoclonal Antibody
产品货号: AMRe21252



limiting enzyme of glutathione synthesis. The enzyme consists of two subunits, a heavy catalytic subunit and a light regulatory subunit. This locus encodes the catalytic subunit, while the regulatory subunit is derived from a different gene located on chromosome 1p22-p21. Mutations at this locus have been associated with hemolytic anemia due to deficiency of gamma-glutamylcysteine synthetase and susceptibility to myocardial infarction.[provided by RefSeq, Oct 2010],

研究领域 (Research Area)

图片 (Image Data)



Hela cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with primary antibody 1:1000. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.

注意事项 (Note)

For research use only .