

KD-Validated Anti-Glyoxalase I Rabbit Monoclonal Antibody

Rabbit monoclonal antibody
Catalog # AGI1524

Product Information

Application	WB, FC
Primary Accession	Q04760
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	23GB5555
Calculated MW	20778
Gene Name	GLO1
Aliases	GLO1; Glyoxalase I; Lactoylglutathione Lyase; GLOD1; S-D-Lactoylglutathione Methylglyoxal Lyase; Ketone-Aldehyde Mutase; Methylglyoxalase; Aldoketomutase; EC 4.4.1.5; Glx I; Epididymis Secretory Protein Li 74; Glyoxalase Domain Containing 1; Lactoyl Glutathione Lyase; HEL-S-74; GLYI
Immunogen	A synthesized peptide derived from human GLO1

Additional Information

Gene ID	2739
Other Names	Lactoylglutathione lyase, 4.4.1.5, Aldoketomutase, Glyoxalase I, Glx I, Ketone-aldehyde mutase, Methylglyoxalase, S-D-lactoylglutathione methylglyoxal lyase, GLO1

Protein Information

Name	GLO1
Function	Catalyzes the conversion of hemimercaptal, formed from methylglyoxal and glutathione, to S-lactoylglutathione (PubMed: 20454679 , PubMed: 23122816 , PubMed: 9705294). Involved in the regulation of TNF-induced transcriptional activity of NF-kappa-B (PubMed: 19199007). Required for normal osteoclastogenesis (By similarity).

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