

**Anti-GLO1 Monoclonal Antibody**  
Catalog # ABO14735

**Specification**

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**Anti-GLO1 Monoclonal Antibody - Product Information**

Application	WB, FC
Primary Accession	<a href="#">Q04760</a>
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid

**Description**

Anti-GLO1 Monoclonal Antibody . Tested in WB, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.

**Anti-GLO1 Monoclonal Antibody - 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

**Application Details**

WB 1:500-1:2000<br>FC 1:50

**Contents**

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

**Immunogen**

A synthesized peptide derived from human GLO1 Catalyzes the conversion of hemimercaptal, formed from methylglyoxal and glutathione, to S-lactoylglutathione.

**Purification**

Affinity-chromatography

Storage

**Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.**

**Anti-GLO1 Monoclonal Antibody - Protein Information**

Name GLO1

Function

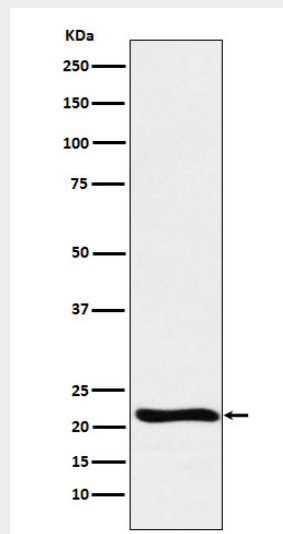
Catalyzes the conversion of hemimercaptal, formed from methylglyoxal and glutathione, to S-lactoylglutathione (PubMed: [20454679](http://www.uniprot.org/citations/20454679), PubMed: [23122816](http://www.uniprot.org/citations/23122816), PubMed: [9705294](http://www.uniprot.org/citations/9705294), PubMed: [19199007](http://www.uniprot.org/citations/19199007)). Involved in the regulation of TNF-induced transcriptional activity of NF-kappa-B (PubMed: [19199007](http://www.uniprot.org/citations/19199007)). Required for normal osteoclastogenesis (By similarity).

### Anti-GLO1 Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### Anti-GLO1 Monoclonal Antibody - Images



Western blot analysis of GLO1 expression in Raji cell lysate.