

## Anti-GLO1 antibody

<b>Cat. No.</b>	ml222423
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-GLO1 rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB, IHC
<b>Immunogen</b>	Fusion protein of human GLO1
<b>Reactivity</b>	Human, Mouse, Rat
<b>Content</b>	0.5 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	GLO1
<b>Full name</b>	glyoxalase I

**Synonyms** GLYI; GLOD1; HEL-S-74

**Swissprot** Q04760

### **Target Background**

The enzyme encoded by this gene is responsible for the catalysis and formation of S-lactoyl-glutathione from methylglyoxal condensation and reduced glutathione. Glyoxalase I is linked to HLA and is localized to 6p21.3-p21.1, between HLA and the centromere.

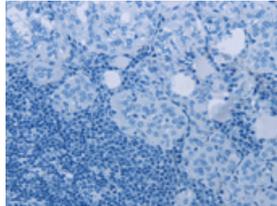
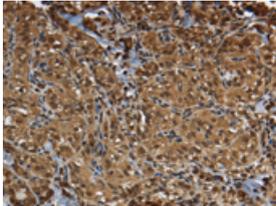
## Applications

### Immunohistochemistry

Predicted cell location: Cytoplasm and Nucleus

Positive control: Human thyroid cancer

Recommended dilution: 100-300

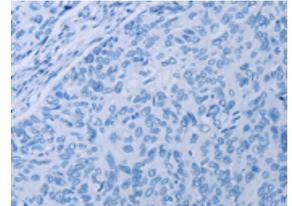
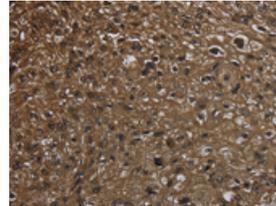


The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml222423(GLO1 Antibody) at dilution 1/50, on the right is treated with fusion protein. (Original magnification: ×200)

Predicted cell location: Cytoplasm and Nucleus

Positive control: Human esophagus cancer

Recommended dilution: 100-300



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using ml222423(GLO1 Antibody) at dilution 1/50, on the right is treated with fusion protein. (Original magnification: ×200)

### Western blotting

Predicted band size: 21 kDa

Positive control: Human prostate tissue and Raji cells

Recommended dilution: 500-2000

订购热线: 4008-898-798

Gel: 10%SDS-PAGE

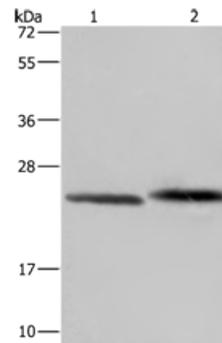
Lysate: 40  $\mu$ g

Lane 1-2: Human prostate tissue, Raji cells

Primary antibody: ml222423(GLO1 Antibody) at dilution 1/400

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 30 seconds



## ELISA

Recommended dilution: 2000-5000

联系电话: 4008-898-798, 021-61725725

联系QQ: 2881505695, 2881505696

邮箱: [mlbio\\_cn@yeah.net](mailto:mlbio_cn@yeah.net)

网址: [www.mlbio.cn](http://www.mlbio.cn)