

## Anti-GLS2 antibody

<b>Cat. No.</b>	ml263996
<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-GLS2 rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB, IHC
<b>Immunogen</b>	Synthetic peptide of human GLS2
<b>Reactivity</b>	Human, Mouse, Rat
<b>Content</b>	1.68 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>	GLS2
<b>Full name</b>	glutaminase 2

**Synonyms** GA; GLS; LGA; hLGA

**Swissprot** Q9UI32

### **Target Background**

The protein encoded by this gene is a mitochondrial phosphate-activated glutaminase that catalyzes the hydrolysis of glutamine to stoichiometric amounts of glutamate and ammonia. Originally thought to be liver-specific, this protein has been found in other tissues as well. Alternative splicing results in multiple transcript variants that encode different isoforms.

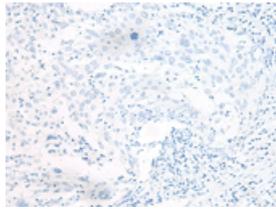
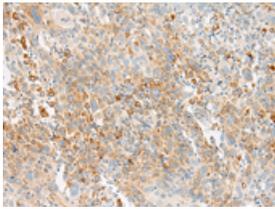
## Applications

### Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human cervical cancer

Recommended dilution: 40-200

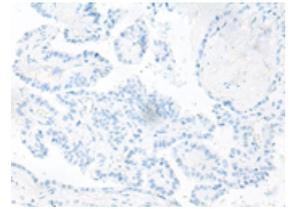
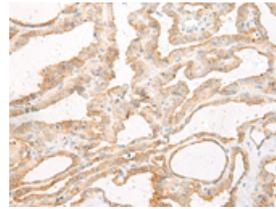


The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using ml263996(GLS2 Antibody) at dilution 1/60, on the right is treated with synthetic peptide. (Original magnification:  $\times 200$ )

Predicted cell location: Cytoplasm

Positive control: Human thyroid cancer

Recommended dilution: 40-200



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml263996(GLS2 Antibody) at dilution 1/60, on the right is treated with synthetic peptide. (Original magnification:  $\times 200$ )

### Western blotting

Predicted band size: 66 kDa

Positive control: Mouse liver tissue lysate

Recommended dilution: 500-2000

订购热线: 4008-898-798

Gel: 8%SDS-PAGE

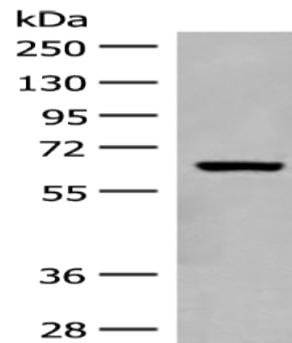
Lysate: 40  $\mu$ g

Lane: Mouse liver tissue lysate

Primary antibody: ml263996(GLS2 Antibody) at dilution 1/400

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

Exposure time: 1 minute



#### ELISA

Recommended dilution: 5000-10000

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