

## Anti-PPIB antibody

<b>Cat. No.</b>	ml222173
<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-PPIB rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB, IHC
<b>Immunogen</b>	Fusion protein of human PPIB
<b>Reactivity</b>	Human, Mouse, Rat
<b>Content</b>	0.3 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>	PPIB
<b>Full name</b>	peptidylprolyl isomerase B (cyclophilin B)

**Synonyms** OI9; CYPB; SCYLP; CYP-S1

**Swissprot** P23284

### **Target Background**

The protein encoded by this gene is a cyclosporine-binding protein and is mainly located within the endoplasmic reticulum. It is associated with the secretory pathway and released in biological fluids. This protein can bind to cells derived from T- and B-lymphocytes, and may regulate cyclosporine A-mediated immunosuppression. Variants have been identified in this protein that give rise to recessive forms of osteogenesis imperfecta.

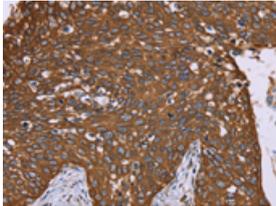
## Applications

### Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human cervical cancer

Recommended dilution: 100-300

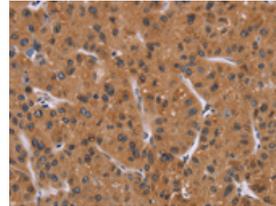


The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using ml222173(PPIB Antibody) at dilution 1/40, on the right is treated with fusion protein. (Original magnification: ×200)

Predicted cell location: Cytoplasm

Positive control: Human liver cancer

Recommended dilution: 100-300



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml222173(PPIB Antibody) at dilution 1/40, on the right is treated with fusion protein. (Original magnification: ×200)

### Western blotting

Predicted band size: 24 kDa

Positive control: Human fetal liver tissue and 293T cells, human liver cancer tissue and hela cells

Recommended dilution: 500-2000

订购热线: 4008-898-798

Gel: 10%SDS-PAGE

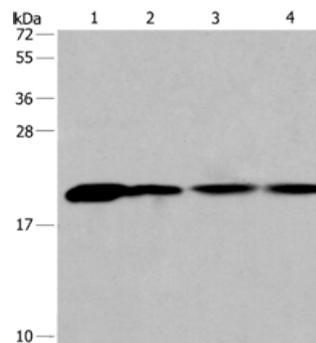
Lysate: 40  $\mu$ g

Lane 1-4: Human fetal liver tissue, 293T cells, human liver cancer tissue, hela cells

Primary antibody: ml222173(PPIB Antibody) at dilution 1/450

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

Exposure time: 20 seconds



## ELISA

Recommended dilution: 2000-5000

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