

## Cyclophilin B (2B10) Mouse mAb (HRP)

CatalogNo: YM2027

### Key Features

#### Host Species

- Mouse

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB, IHC, IF

#### MW

- 24kD (Calculated)

#### Isotype

- IgG

#### Conjugate

- HRP

### Storage

#### Storage\*

Stable for one year at -15°C to -25°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

#### Formulation

Liquid in PBS, pH 7.4, containing 0.02% sodium azide as preservative and 50% Glycerol.

### Recommended Dilution Ratios

Optimal working dilutions should be determined experimentally by the investigator

Suggested starting dilutions are as follows: WB 1:1000-2000

IHC 1:50-300.

### Basic Information

**Clonality** Monoclonal

**Clone Number** 2B10

### Immunogen Information

**Specificity** Cyclophilin B Monoclonal Antibody(2B10) HRP Conjugated, specially designed for your Western blot analysis.

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## | Target Information

<b>Gene name</b>	PPIB		
<b>Protein Name</b>	Peptidyl-prolyl cis-trans isomerase B (PPIase B) (CYP-S1) (Cyclophilin B) (Rotamase B) (S-cyclophilin) (SCYLP)		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">5479</a> ;	<a href="#">P23284</a> ;
<b>Cellular Localization</b>	Virion . (Microbial infection).; Endoplasmic reticulum lumen . Melanosome . Identified by mass spectrometry in melanosome fractions from stage I to stage IV (PubMed:17081065). .		
<b>Tissue specificity</b>	Brain,Fetal brain cortex,Prostate,Skin,		
<b>Function</b>	Catalytic activity:Peptidylproline (omega=180) = peptidylproline (omega=0).,Caution:It is uncertain whether Met-1 or Met-9 is the initiator.,enzyme regulation:Cyclosporin A (CsA) inhibits CYPB.,Function:PPIases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides.,similarity:Belongs to the cyclophilin-type PPIase family. PPIase B subfamily.,similarity:Contains 1 PPIase cyclophilin-type domain.,subcellular location:Identified by mass spectrometry in melanosome fractions from stage I to stage IV.,		

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## | Validation Data

## | Contact information

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Website: <http://www.immunoway.com.cn>  
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Please scan the QR code to access additional product information:  
**Cyclophilin B (2B10) Mouse mAb (HRP)**

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