

## Cyclophilin B (2B10) Mouse mAb (Cy5)

CatalogNo: YM2025

### Key Features

#### Host Species

- Mouse

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB, IHC, IF

#### Isotype

- IgG

#### Conjugate

- Cy5

### 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. Store in dark.

#### 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: IHC 1:50-300

IF 1:50-200.

### Basic Information

#### Clonality

Monoclonal

#### Clone Number

2B10

### Immunogen Information

#### Specificity

Cyclophilin B Monoclonal Antibody(2B10) Cy5 Conjugated specially designed for your Immunofluorescence analysis.

## Target Information

Gene name	PPIB		
Protein Name	Peptidyl-prolyl cis-trans isomerase B (PPIase B) (CYP-S1) (Cyclophilin B) (Rotamase B) (S-cyclophilin) (SCYLP)		
	Organism	Gene ID	UniProt ID
	Human	<a href="#">5479</a> ;	<a href="#">P23284</a> ;
Cellular Localization	Virion . (Microbial infection).; Endoplasmic reticulum lumen . Melanosome . Identified by mass spectrometry in melanosome fractions from stage I to stage IV (PubMed:17081065). .		
Tissue specificity	Brain,Fetal brain cortex,Prostate,Skin,		
Function	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.,		

## Validation Data

## Contact information

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**Cyclophilin B (2B10) Mouse mAb (Cy5)**

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