

Cyclophilin B (2B10) Mouse mAb (Biotin)

CatalogNo: YM2023

Key Features

Host Species

- Mouse

Reactivity

- Human, Mouse, Rat

Applications

- WB, IHC, IF

Isotype

- IgG

Conjugate

- Biotin

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) Biotin conjugated specially designed for your WB or IHC 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	5479 ;	P23284 ;

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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