

# Cyclophilin B Antibody

*Cyclophilin-B, Mouse Anti Human  
ABM0201*

## Product Overview

Name Cyclophilin B Antibody

### Description

Cyclophilin-B, Mouse Anti Human

### Synonyms

Peptidylprolyl isomerase B, PPIase, Rotamase, S-cyclophilin, PPIB, cyclophilin-like protein, peptidyl-prolyl cis-trans isomerase B, Cyclophilin B, SCYLP, CYPB, CYP-S1, MGC2224, MGC14109.

### Introduction

Cyclophilin B (also known as PPIB, peptidylpropyl isomerase B) 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.

### Source

Escherichia Coli.

### Physical Appearance

Sterile filtered colorless solution.

### Formulation

1 mg/ml solution containing 20mM Tris-HCl 8.0, 20mM NaCl, 0.5mM DTT and 10% glycerol.

### Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Purity

Greater than 95.0% as determined by SDS-PAGE.

### Amino acid sequence

MLLPGPSAAD EKKKGPKVTV KVFYDLRIGD EDVGRVIFGL FGKTVPKTVD NFVALATGEKGFGYKNSKFH  
RVIKDFMIQG GDFTRGDGTG GKSİYGERFP DENFKLKHYG PGWVSMANAGKDTNGSQFFI TTVKTAWLDG  
KHVVFGKVL E GMEVVRKVES TKTDSRDKPL KDVIADCGK IEVEKPFAIA KE.

### Biological Activity

Specific activity is > 220 nmoles/min/mg, and is defined as the amount of enzyme that cleaves 1umole of suc-AAFP-

pNA per minute at 25C in Tris-Hcl pH8.0 using chymotrypsin.

### **Precautions**

Cyclophilin B Antibody is for research use only and not for use in diagnostic or therapeutic procedures.