Best Tools for immunology Research

Cyclophilin B Monoclonal Antibody(2B10), AbFluor 405 Conjugated

Catalog No :	YM2017
Reactivity :	Human;Rat;Mouse
Applications :	IF;WB;IHC;
Target :	Cyclophilin B
Gene Name :	PPIB
Protein Name :	Peptidyl-prolyl cis-trans isomerase B (PPIase B) (EC 5.2.1.8) (CYP-S1) (Cyclophilin B) (Rotamase B) (S-cyclophilin) (SCYLP)
Human Gene Id :	5479
Human Swiss Prot No :	P23284
Specificity :	Cyclophilin B Monoclonal Antibody(2B10) AbFluor™ 405 Conjugated specially designed for your Immunofluorescence analysis.
Formulation :	Liquid in PBS, pH 7.4, containing 0.02% sodium azide as preservative and 50% Glycerol.
Source :	Monoclonal, Mouse IgG
Dilution :	Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: IHC 1:50-300, IF 1:50-200.
Purification :	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Concentration :	1mg/ml
Storage Stability :	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 freezi

The protein encoded by this gene is a cyclosporine-binding protein and is mainly

Background :	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. [provided by RefSeq, Oct 2009],
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.,
Subcellular Location :	Virion . (Microbial infection).; Endoplasmic reticulum lumen . Melanosome . Identified by mass spectrometry in melanosome fractions from stage I to stage IV (PubMed:17081065). .
Expression :	Brain,Fetal brain cortex,Prostate,Skin,

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