

Mouse anti-Human Cyclophilin B Monoclonal Antibody | anti-PPIB antibody

Cyclophilin B

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA48298	Mouse	Human	Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

Cyclophilin B; Monoclonal Antibody; PPIB; Peptidylprolyl isomerase B; CYPB; SCYLP; CYP-S1: Cyclophilin-B; 26- 216aa; AA553318; AI844835; Cphn 2; Cphn2; CyP 20b; AA408962; CYP S1; MGC14109; MGC2224; peptidyl prolyl cis trans isomerase B; Peptidyl prolyl cis trans isomerase B precursor; PPIase; Rotamase; S cyclophilin; anti-PPIB antibody

PRODUCT SPECIFICATIONS

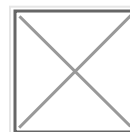
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1 kappa
Clone Number	k2E2
Purity/Purification	By protein-G affinity chromatography
Form/Format	Liquid. In Phosphate-Buffered Saline (pH 7.4) with 0.02% Sodium Azide, 10% Glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	207
Applicable Applications for anti-PPIB antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human Cyclophilin B (26-216aa) purified from E. coli
Conjugation	Unconjugated
Product Note	This product was produced from tissue culture supernatant.
Preparation and Storage	Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

IMAGES



WB (Western Blot)

The cell lysates (40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human Cyclophilin B antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.;; Lane 1.: HepG2 cell lysate;; Lane 2.: HeLa cell lysate;; Lane 3.: Jurkate cell lysate;; Lane 4.: K562 cell lysate;; Lane 5.: 293T cell lysate;; Lane 6.: A549 cell lysate;; Lane 7.: MCF7 cell lysate;; Lane 8.: sk-ov-3 cell lysate;; Lane 9.: LnCap cell lysate



ICC (Immunocytochemistry)

ICC/IF analysis of Cyclophilin B in Hep3B cells. The cell was stained (1:100). The secondary antibody (green) was used Alexa Fluor 488. DAPI was stained the cell nucleus (blue).

ADDITIONAL INFORMATION

Related Product Information for anti-PPIB antibody	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. Cyclophilin B is necessary for the prolactin-induced proliferation, cell growth, and the nuclear retrotransport of prolactin.
Product Categories/Family for anti-PPIB antibody	Cancer; Epigenetics and Nuclear Signaling; Immunology; Metabolism; Signal Transduction
References	Watashi K, et al., (2005) Mol Cell 19(1):111-112.;Yurchenko V, et al., (2001) Biochem Biophys Res Commun 288(4):786-788.;E.Roydon P, et al., (1991) Proc Natl Acad Sci USA 88:1903-1907.

NCBI AND UNIPROT INFORMATION

NCBI GI #	181250
NCBI GeneID	5479
UniProt Accession #	P23284
NCBI Official Full Name	cyclophilin, partial
NCBI Official Synonym Full Names	peptidylprolyl isomerase B
NCBI Official Symbol	PPIB
NCBI Official Synonym Symbols	B; OI9; CYPB; SCYLP; CYP-S1; HEL-S-39
NCBI Protein Information	peptidyl-prolyl cis-trans isomerase B
UniProt Protein Name	Peptidyl-prolyl cis-trans isomerase B
UniProt Gene Name	PPIB
UniProt Synonym Gene Names	CYPB; PPlase B; SCYLP
UniProt Entry Name	PPIB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cyclophilin-b-antibody-clone-k2e2-immunofluorescence-immunocytochemistry-western-blot-elisa/48298>