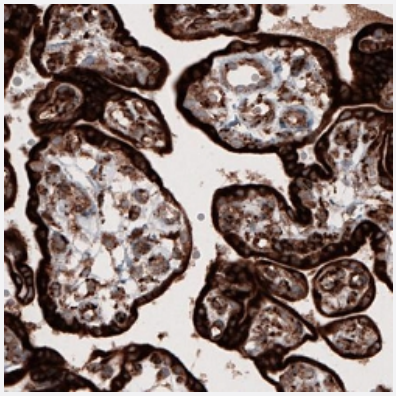
Sm Size

PPIB monoclonal antibody, clone CL3901

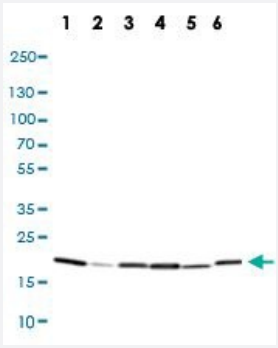
Catalog # MAB15696 Size 25 uL, 100 uL

Applications



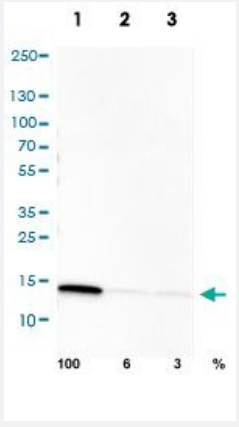
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human placenta shows strong cytoplasmic immunoreactivity in trophoblasts.



Western Blot

Western Blot (Cell lysate) analysis of (1) human HeLa cell, (2) human HEK 293 cell, (3) human A-431 cell, (4) human HepG2 cell, (6) mouse NIH-3T3 cell, (7) rat cell line NBT-II.



RNAi Knockdown

Western Blot analysis of U-251cell transfected with (1) control siRNA, (2) target specific siRNA probe #1, (3) target specific siRNA probe #2 using PPIB monoclonal antibody, clone CL3901. Downregulation of antibody signal confirms target specificity. Remaining % intensity, relative control lane, is indicated. GAPDH monoclonal antibody was used as loading control.

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Specification

Product Description	Mouse monoclonal antibody raised against synthetic peptide of human PPIB.
Immunogen	A synthetic peptide corresponding to human PPIB.
Sequence	TKTDSRDKPLKDVIIADCGKIEVEKPFAIAKE
Host	Mouse
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Protein A purification
Isotype	IgG2a
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:5000-1:10000) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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- Western Blot

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- RNAi Knockdown

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Gene Info — PPIB

Entrez GeneID	5479
Protein Accession#	P23284
Gene Name	PPIB
Gene Alias	CYP-S1, CYPB, MGC14109, MGC2224, SCYLP
Gene Description	peptidylprolyl isomerase B (cyclophilin B)
Omim ID	123841
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a cyclosporine-binding protein and is mainly located within th e endoplasmic reticulum. It is associated with the secretory pathway and released in biological flui ds. This protein can bind to cells derived from T- and B-lymphocytes, and may regulate cyclospori ne A-mediated immunosuppression. [provided by RefSeq
Other Designations	PPIase|S-cyclophilin|cyclophilin B|cyclophilin-like protein|peptidyl-prolyl cis-trans isomerase B|pep tidylprolyl isomerase B|rotamase

Disease

- Disease Progression
- Disease Susceptibility
- HIV Infections

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