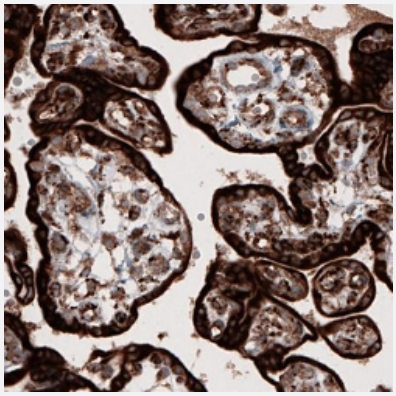
Sm Size

# PPIB monoclonal antibody, clone CL3901

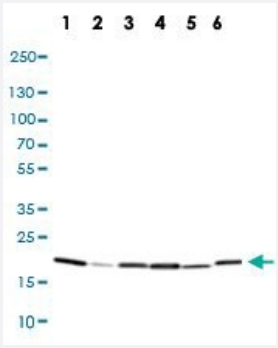
Catalog # MAB15696 Size 25 uL, 100 uL

## Applications



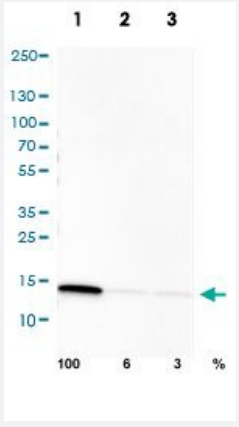
### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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)<br>Western Blot (1:500-1:1000)<br>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.<br>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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## 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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