bsm-52473R **[Primary Antibody]**

PPIB | CypB Recombinant Rabbit mAb, Loading Control

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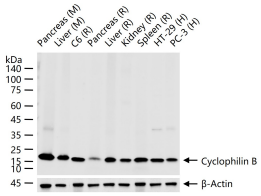
DATASHEET

Host: Rabbit
Isotype: IgG
Clonality: Recombinant
CloneNo.: 4A10
GeneID: 5479
SWISS: P23284
Target: PPIB | CypB
Immunogen: Recombinant human Cyclophilin B: C terminus.
Purification: affinity purified by Protein A
Concentration: 1mg/ml
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Background: The cyclophilins are a conserved class of proteins that bind the immunosuppressive drug cyclosporin A (CsA) with high affinity. CsA blocks helper T-cell activation at a step between T-cell receptor stimulation and the transcriptional activation of cytokine genes. Cyclophilins from many species possess peptidyl-prolyl cis-trans isomerase (PPIase) activity that is blocked by CsA and therefore may be relevant in CsA-mediated immunosuppression.

Applications: **WB** (1:500-2000)
Reactivity: Human, Mouse, Rat
Predicted MW.: 20 kDa
Observed MW.: 20 kDa
Subcellular Location: Cytoplasm

VALIDATION IMAGES



25 ug total protein per lane of various lysates (see on figure) probed with Cyclophilin B monoclonal antibody, unconjugated (bsm-52473R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.

SELECTED CITATIONS

- **[IF=4.2]** Xiaohan Gao. et al. Dietary Supplement With Tribulus terrestris L. Extract Exhibits Protective Effects on Neuroinflammation. MOL NUTR FOOD RES. 2025 Jun;:e70006 WB ;Mouse. 40583320

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.