
Cyclophilin B Mouse mAb, Loading Control

Catalog Number: bsm-33228M

Target Protein: Cyclophilin B

Concentration: 1mg/ml

Form: Size : 50ul/100ul/200ul

Liquid

Size : 200ug (PBS only)

Lyophilized

Note: Centrifuge tubes before opening. Reconstitute the lyophilized product in distilled water. Optimal concentration should be determined by the end user.

Host: Mouse

Clonality: Monoclonal

Clone No.: 4C7

Isotype: IgG

Applications: WB (1:1000-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)

Reactivity: Human, Mouse, Rat

Predicted MW: 20 kDa

Entrez Gene: 5479

Swiss Prot: P23284

Purification: affinity purified by Protein G

Storage: Size : 50ul/100ul/200ul

0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

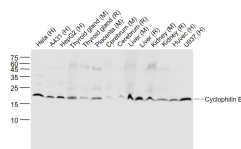
Size : 200ug (PBS only)

0.01M PBS

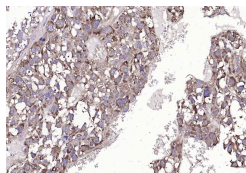
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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.

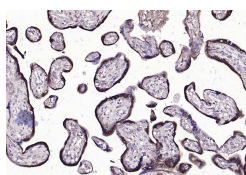
VALIDATION IMAGES



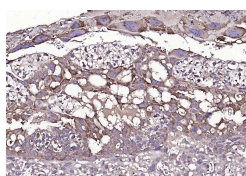
Sample: Lane 1: Hela (Human) Cell Lysate at 30 ug Lane 2: A431 (Human) Cell Lysate at 30 ug Lane 3: HepG2 (Human) Cell Lysate at 30 ug Lane 4: Thyroid gland (Mouse) Lysate at 40 ug Lane 5: Thyroid gland (Rat) Lysate at 40 ug Lane 6: Placenta (Mouse) Lysate at 40 ug Lane 7: Cerebrum (Mouse) Lysate at 40 ug Lane 8: Cerebrum (Rat) Lysate at 40 ug Lane 9: Liver (Mouse) Lysate at 40 ug Lane 10: Liver (Rat) Lysate at 40 ug Lane 11: Kidney (Mouse) Lysate at 40 ug Lane 12: Kidney (Rat) Lysate at 40 ug Lane 13: Huvec (Human) Cell Lysate at 30 ug Lane 14: U937 (Human) Cell Lysate at 30 ug Primary: Anti-Cyclophilin B (bsm-33228M) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 20 kD Observed band size: 20 kD



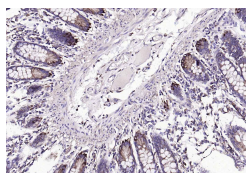
Paraformaldehyde-fixed, paraffin embedded (rat placenta); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (Cyclophilin B(Loading Control)) Monoclonal Antibody, Unconjugated (bsm-33228M) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024) instructionsand DAB staining.



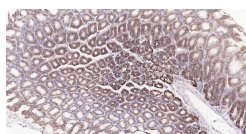
Paraformaldehyde-fixed, paraffin embedded (human placenta); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (Cyclophilin B(Loading Control)) Monoclonal Antibody, Unconjugated (bsm-33228M) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024) instructionsand DAB staining.



Paraformaldehyde-fixed, paraffin embedded (mouse placenta); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (Cyclophilin B(Loading Control)) Monoclonal Antibody, Unconjugated (bsm-33228M) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024) instructionsand DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human intestine); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (Cyclophilin B(Loading Control)) Monoclonal Antibody, Unconjugated (bsm-33228M) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024) instructionsand DAB staining.



Paraformaldehyde-fixed, paraffin embedded Mouse Stomach; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Cyclophilin B(Loading Control) Monoclonal Antibody, Unconjugated(bsm-33228M) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Mouse, sp-0024) and DAB (C-0010) staining.