
beta I Tubulin Mouse mAb, Loading Control

Catalog Number: bsm-33041M

Target Protein: beta I Tubulin

Concentration: 1mg/ml

Form: Size : 50ul/100ul

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.: 5F7

Isotype: IgG2a

Applications: WB (1:500-5000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500), ICC/IF (1:100-200)

Reactivity: Human, Mouse, Rat

Predicted MW: 50 kDa

Entrez Gene: 81027

Swiss Prot: Q9H4B7

Purification: affinity purified by Protein G

Storage: Size : 50ul/100ul

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

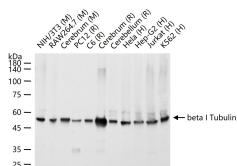
Size : 200ug (PBS only)

0.01M PBS

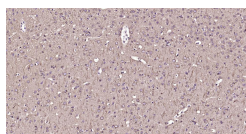
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: This gene encodes a member of the beta tubulin protein family. Beta tubulins are one of two core protein families (alpha and beta tubulins) that heterodimerize and assemble to form microtubules. This protein is specifically expressed in platelets and megakaryocytes and may be involved in proplatelet production and platelet release. A mutations in this gene is associated with autosomal dominant macrothrombocytopenia. Two pseudogenes of this gene are found on chromosome Y.[provided by RefSeq, Jul 2010]

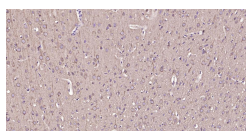
VALIDATION IMAGES



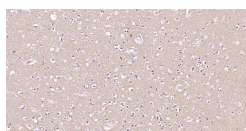
25 ug total protein per lane of various lysates (see on figure) probed with beta I Tubulin monoclonal antibody, unconjugated (bsm-33041M) at 1:2000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



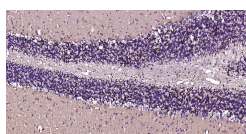
Paraformaldehyde-fixed, paraffin embedded Mouse Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with beta I Tubulin Monoclonal Antibody, Unconjugated(bsm-33041M) at 1:200 overnight at 4°C, followed by conjugation to the bs-40296G-HRP and DAB (C-0010) staining.



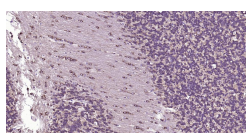
Paraformaldehyde-fixed, paraffin embedded Rat Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with beta I Tubulin Monoclonal Antibody, Unconjugated(bsm-33041M) at 1:200 overnight at 4°C, followed by conjugation to the bs-40296G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with beta I Tubulin Monoclonal Antibody, Unconjugated(bsm-33041M) at 1:200 overnight at 4°C, followed by conjugation to the bs-40296G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Mouse Cerebellum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with beta I Tubulin Monoclonal Antibody, Unconjugated(bsm-33041M) at 1:200 overnight at 4°C, followed by conjugation to the bs-40296G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Rat Cerebellum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with beta I Tubulin Monoclonal Antibody, Unconjugated(bsm-33041M) at 1:200 overnight at 4°C, followed by conjugation to the bs-40296G-HRP and DAB (C-0010) staining.

PRODUCT SPECIFIC PUBLICATIONS

[IF=4.1] Rui Zhang. et al. CIRBP Increases the Synthesis and Secretion of Steroid Hormones by Activating Autophagy in Yak Granule Cells. J STEROID BIOCHEM. 2023 Dec;;106449 WB ; Bovine . 38143009

[IF=3.231] Ruihua Xu. et al. Exosomes Derived from Yak Follicular Fluid Increase 2-Hydroxyestradiol Secretion by Activating Autophagy in Cumulus Cells. ANIMALS. 2022 Jan;12(22):3174 IF ; Bovine . 36428401