

For Research Use Only

Beta Tubulin Recombinant antibody



Catalog Number: 80713-1-RR **1 Publications**

Basic Information

| | | |
|---|--|--|
| Catalog Number: 80713-1-RR | GenBank Accession Number: BC000748 | Purification Method: Protein A purification |
| Size: 100ul , Concentration: 500 µg/ml by Nanodrop; | GeneID (NCBI): 10381 | CloneNo.: 2013 |
| Source: Rabbit | Full Name: tubulin, beta 3 | Recommended Dilutions: WB 1:5000-1:50000 IP 0.5-4.0 ug for IP and 1:5000-1:50000 for WB |
| Isotype: IgG | Calculated MW: 450 aa, 50 kDa | IF 1:250-1:1000 |
| Immunogen Catalog Number: AG0117 | Observed MW: 50-55 kDa | |

Applications

| | |
|---|---|
| Tested Applications: FC, IF, IP, WB, ELISA | Positive Controls: |
| Cited Applications: IF | WB : HeLa cells, zebrafish tissue, HEK-293 cells, Jurkat cells, K-562 cells, Hsc-T6 cells, NIH/3T3 cells, mouse brain, rat brain |
| Species Specificity: Human, mouse, rat, zebrafish | IP : HEK-293 cells, |
| Cited Species: human | IF : C2C12 cells, HeLa cells |

Background Information

Notable Publications

| Author | Pubmed ID | Journal | Application |
|---------------|-----------|---------|-------------|
| Hidetaka Togo | 36672213 | Cells | IF |

Storage

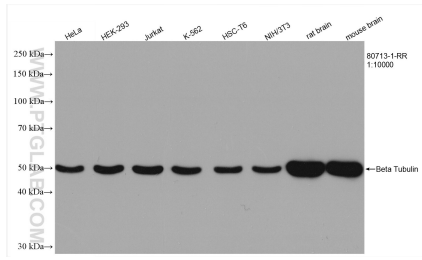
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

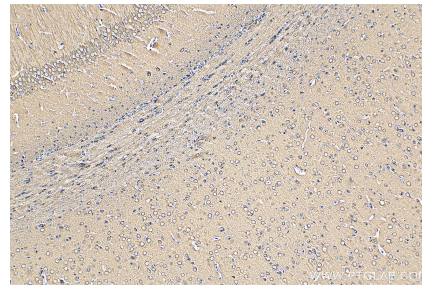
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

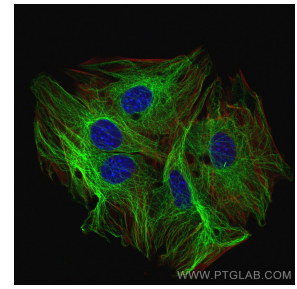
Selected Validation Data



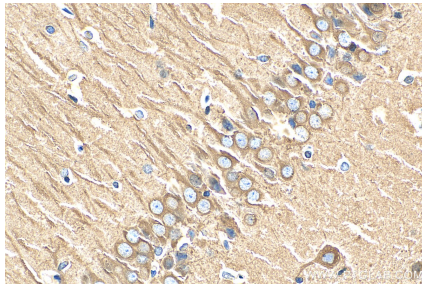
Various lysates were subjected to SDS PAGE followed by western blot with 80713-1-RR (Beta Tubulin antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



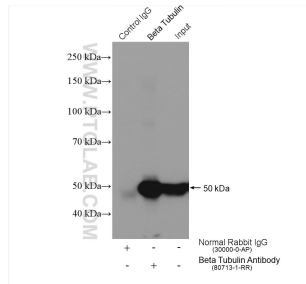
Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 80713-1-RR (Beta Tubulin antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



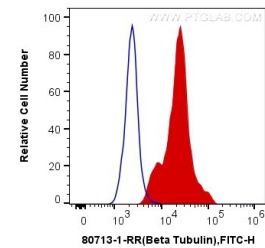
Immunofluorescent analysis of (4% PFA) fixed C2C12 cells using Beta Tubulin antibody (80713-1-RR, Clone: 2013) at dilution of 1:500 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 80713-1-RR (Beta Tubulin antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-Beta Tubulin(IP:80713-1-RR, 4ug; Detection:66240-1-Ig 1:10000) with HEK-293 cells lysate 1360 ug.



1×10^6 HEK-293 cells were intracellularly stained with 0.2 ug Anti-Human Beta Tubulin (80713-1-RR, Clone:2013) and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.2 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).