Product datasheet

Anti-Alpha Tubulin/TUBA1B Antibody (Clone#CG-20)

Catalog Number: *BM3885*

BOSTER
antibody and ELISA experts
BOSTER BIOLOGICAL TECHNOLOGY
Building C21, 3rd to 5th Floors, Optics Valley Biopharmaceutical Accelerator,
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Basic Information

Product Name	Anti-Alpha Tubulin/TUBA1B Antibody (Clone#CG-20)
Gene Name	TUBA1B
Source	Rabbit
Clonality	Monoclonal
Isotype	IgG
Species Reactivity	human, mouse, rat
Tested Application	WB, IHC, ICC/IF, IP, FCM
Contents	500 ug/ml; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide, 0.4-0.5 mg/ml BSA and 50% glycerol.
Immunogen	A synthesized peptide derived from human alpha Tubulin
Purification	Affinity-chromatography
Observed MW	55 kDa
Dilution Ratios	Western blot (WB): 1:1000-5000 Immunohistochemistry (IHC): 1:50-200 Immunocytochemistry/Immunofluorescence (ICC/IF):1:50-200 ImmunoPrecipitation (IP): 1:20 Flow Cytometry (FCM): 1:20

Storage

12 months from date of receipt，-20℃ as supplied.

Background Information

Alpha-tubulin(b-alpha-1) mRNA is expressed only in brain with a molecular weight of about 55,000. The 3-prime UTR of b-alpha-1 is more than 80% homologous to the UTR of the rat brain alpha-tubulin gene, IL-alpha-T1. B-alpha-1 encodes a predicted 451-amino acid protein that is 100% identical to the rat homolog and differs by only 2 and 3 amino acids from the pig and chicken homologs, respectively.

Reference

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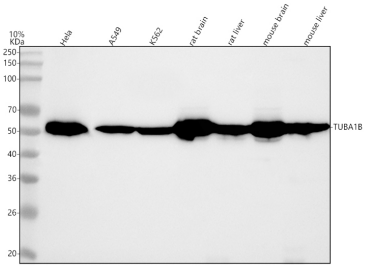
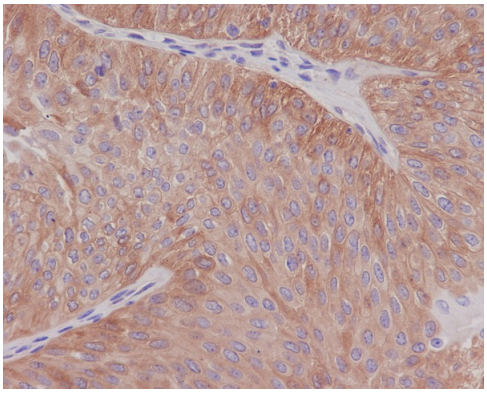
Anti-Alpha Tubulin/TUBA1B Antibody (Clone#CG-20)被引用在3文献中。

Selected Validation Data



Western blot analysis of anti-Alpha Tubulin/TUBA1B antibody (BM3885). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.
Lane 1: human Hela whole cell lysates,
Lane 2: human A549 whole cell lysates,
Lane 3: human K562 whole cell lysates,
Lane 4: rat brain tissue lysates,
Lane 5: rat liver tissue lysates,
Lane 6: mouse brain tissue lysates,
Lane 7: mouse liver tissue lysates.
After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-Alpha Tubulin/TUBA1B antigen affinity purified monoclonal antibody (BM3885) at a dilution of 1:1000 and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for Alpha Tubulin/TUBA1B at approximately 55 kDa. The expected band size for Alpha Tubulin/TUBA1B is at 50 kDa.



Immunohistochemical analysis of paraffin-embedded human bladder, using alpha Tubulin Antibody.