

Product Datasheet

Gamma Tubulin Mouse Monoclonal Antibody (orb499656)

Catalog Number	orb499656
Category	Antibodies
Description	Gamma Tubulin Mouse Monoclonal Antibody
Target	TUBG1
Clonality	Monoclonal
Species/Host	Mouse
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Predicted Reactivity	Mouse, Rat
Form/Appearance	Liquid
Concentration	1mg/ml
Buffer/Preservatives	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
Purification	Affinity purified by Protein G
Immunogen	KLH conjugated synthetic peptide derived from human Gamma Tubulin
UniProt ID	P23258
MW	46 kDa

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

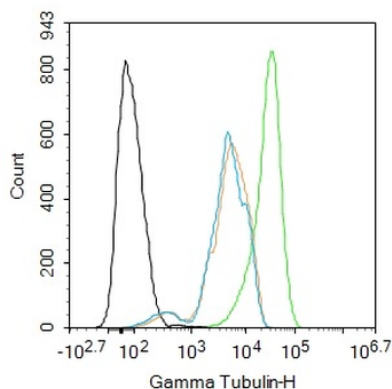
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

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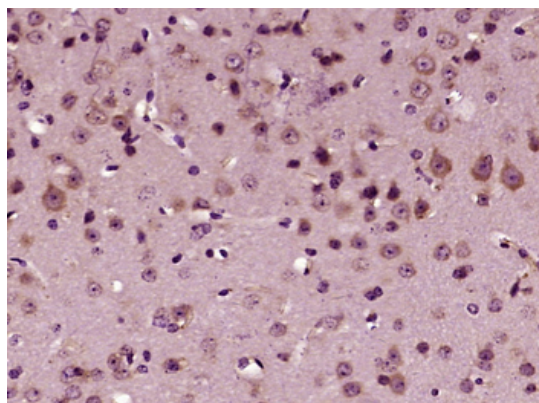
68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713-2847
United States

Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Tested applications	IP, WB
Dilution range	WB=1:500-5000, IP=1:50-200
Antibody Type	Primary Antibody
Clone Number	B0F33
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Blank control (black line): Hela. Primary Antibody (green line): Mouse Anti-Gamma Tubulin antibody (orb499656), dilution: 1 ug/Test, Secondary Antibody (white blue line): Goat anti-Mouse IgG-AF488, dilution: 0.5 ug/Test. Isotype control (orange line): Normal Mouse IgG, Protocol, The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20000 events was performed.



Paraformaldehyde-fixed, paraffin embedded (Mouse brain), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (Gamma Tubulin) Polyclonal Antibody, Unconjugated (orb499656) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

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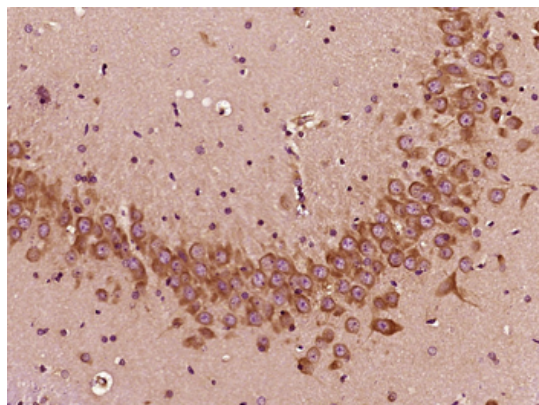
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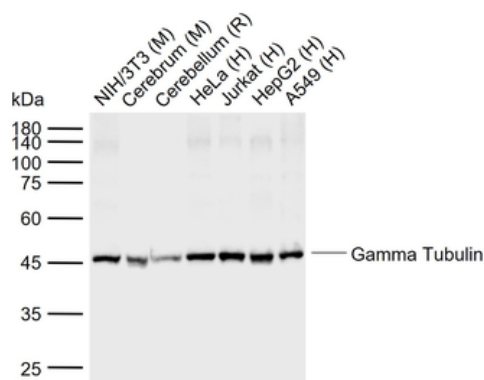
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Paraformaldehyde-fixed, paraffin embedded (Rat brain), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (Gamma Tubulin) Polyclonal Antibody, Unconjugated (orb499656) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Sample: Lane 1: Mouse NIH/3T3 cell lysates, Lane 2: Mouse Cerebrum tissue lysates, Lane 3: Rat Cerebellum tissue lysates, Lane 4: Human HeLa cell lysates, Lane 5: Human Jurkat cell lysates, Lane 6: Human HepG2 cell lysates, Lane 7: Human A549 cell lysates, Primary: Anti-Gamma Tubulin (orb499656) at 1/3000 dilution, Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution, Predicted band size: 50 kDa, Observed band size: 46 kDa.

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