

## Product Datasheet

# Beta Tubulin 3 Rabbit Polyclonal Antibody (orb1294407)

<b>Catalog Number</b>	orb1294407
<b>Category</b>	Antibodies
<b>Description</b>	Rabbit polyclonal antibody to Beta Tubulin 3
<b>Target</b>	Beta Tubulin 3 / Tuj1
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	Rabbit-IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Mouse, Rat
<b>Buffer/Preservatives</b>	100mM Tris Glycine, 1% rAlbumin, 20% Glycerol (pH7). 0.025% ProClin 300 was added as a preservative
<b>Immunogen</b>	Synthetic peptide / encompassing a sequence within the C-terminus region.
<b>Tested applications</b>	IF, IHC-Fr, IHC-P, WB
<b>Dilution range</b>	Western Blot 1:5000 - 1:10000, Immunofluorescence 1:200-1:500, Immunohistochemistry (Paraffin) 1:100-1:300, Immunohistochemistry (Frozen) 1:100-1:300
<b>Antibody Type</b>	Primary Antibody
<b>Storage</b>	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.

**Biorbyt Ltd.**

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

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto: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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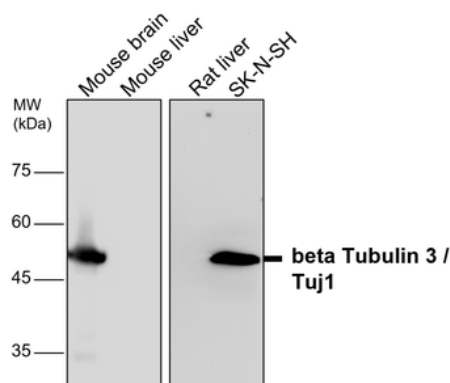
68 TW Alexander Drive  
Research Triangle Park  
Durham  
NC 27713-2847  
United States

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

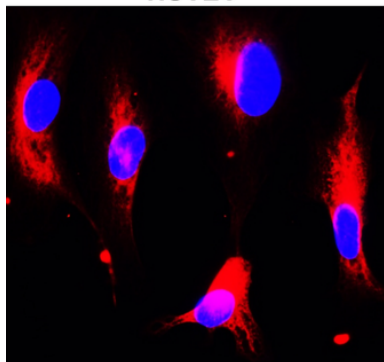
**Note** For research use only

**Expiration Date** 12 months from date of receipt.

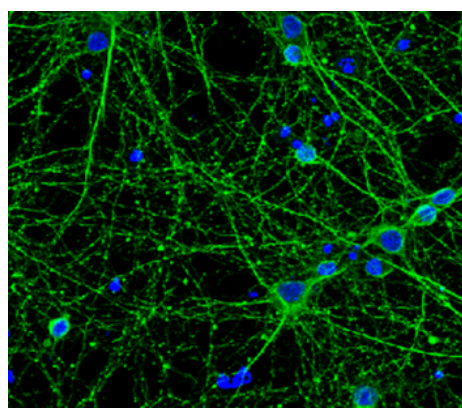


All lanes: anti-Beta Tubulin 3/ Tuj1 antibody at 1/5000 dilution, Lysates/proteins at 20 µg per lane. This blot was produced using a 10% SDS-PAGE. Nitrocellulose membrane was then blocked for an hour before being incubated with orb1294407 overnight at 4°C.

#### HUVEC



Cells were fixed with 4% PFA for 10 min at RT, permeabilized with 0.1% NP-40 for 10 min at RT then blocked with 5% BSA for 30 min at RT. Cells were stained with orb1294407 anti-Tuj1 antibody (red) at 1:200 and 4°C.



Immunofluorescent analysis. Sample: primary cortical neurons, Tuj1 / Beta Tubulin 3 (orb1294407): 1-300, Anti-rabbit 488: 1-500, Fixed: 4% paraformaldehyde at RT for 20 min.

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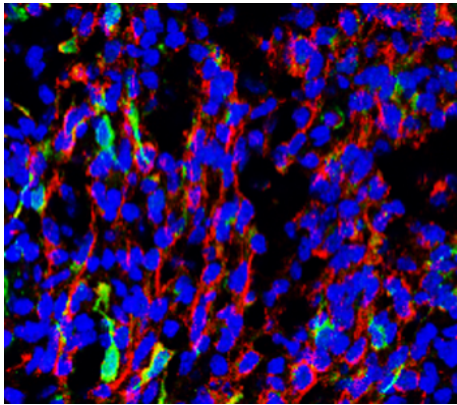
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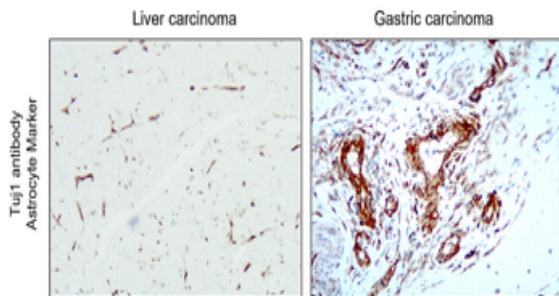
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Immunohistochemical analysis (Frozen sectioned), Sample: Rat brain, Red: Tuj1 antibody (orb1294407), Blue: DAPI.



Immunohistochemical analysis of paraffin embedded Human cancer tissue labeling Tuj1 with orb1294407 at 1/200.

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