

Mouse beta-Tubulin Monoclonal Antibody

Anti-beta-Tubulin (BT7R) Loading Control Monoclonal Antibody

CATALOG # AAA74307	HOST Mouse	REACTIVITY beta-Tubulin from human, monkey, mouse, rat, rabbit, chicken. beta-Tubulin from other species may also be detectable	APPLICATIONS Western Blot, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, ELISA, Dot Blot
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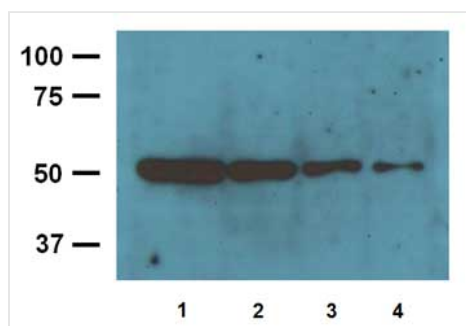
PRODUCT SYNONYMS

beta-Tubulin; Monoclonal Antibody; Anti-beta-Tubulin (BT7R) Loading Control Monoclonal Antibody; Anti-beta-Tubulin; Anti-b-Tubulin; anti-beta-Tubulin antibody

PRODUCT SPECIFICATIONS

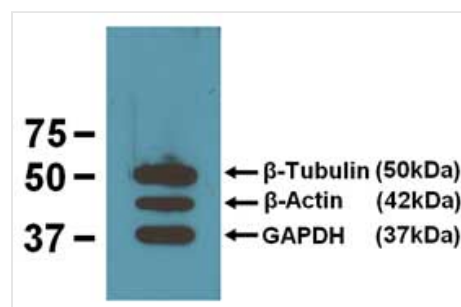
Host	Mouse
Reactivity	beta-Tubulin from human, monkey, mouse, rat, rabbit, chicken. beta-Tubulin from other species may also be detectable
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	BT7R
Specificity	Recognizes native and denatured forms of beta-Tubulin (~50kDa)
Purity/Purification	Protein A affinity chromatography from mouse ascites fluid
Sequence Length	448
Applicable Applications for anti-beta-Tubulin antibody	WB (Western Blot), IS (Immunostaining), ELISA, DB (Dot Blot)
Immunogen	beta-Tubulin N-terminal peptide-KLH conjugates
Preparation and Storage	Store at -20 degree C for 2 years or more. Centrifuge after first thaw to maximize product recovery. Aliquot to avoid repeated freeze-thaw cycles. Store aliquots at 4 degree C (add 0.05% NaN3 if not included) for several days to weeks

IMAGES



Application Data

Fig. 02 1:4000 (0.25ug/mL) Ab dilution used in WB of 10ug/lane (1), 5ug/lane (2), 2.5ug/lane (3) and 1.25ug/lane (4) mouse brain tissue lysates



Application Data

Fig. 01 EBI's three loading control mAbs reacting against 10ug/lane of mouse brain tissue lysates. 50kDa band is Anti-beta-Tubulin (BT7R) at 1:2000 dilution (0.5ug/mL); 42kDa band is Anti-beta-Actin (BA3R) at 1:1000 dilution (1ug/mL); 37kDa band is Anti-GAPDH (GA1R) at 1:5000 dilution (0.2ug/mL)

ADDITIONAL INFORMATION

Product Categories/Family for anti-beta-Tubulin antibody	Loading Control mAbs
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NCBI AND UNIPROT INFORMATION

NCBI GI #	166496
NCBI Official Full Name	beta-tubulin

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/beta-tubulin-antibody-clone-bt7r-western-blot-immunostaining-dot-blot-elisa/74307>