UBPBio
12635 E. Montview Blvd. Ste 100
Aurora, CO 80045, USA
Fax: 1-800-682-6801
Email: info@ubpbio.com
www.ubpbio.com

Anti-β-Tubulin

Cat. # Y1060, Y1061

Also Known as:	Anti-β-Tubulin (BT7R) Loading Control Mouse Monoclonal Antibody
Isotype:	Mouse IgG2a
Clone	BT7R
MW:	~55/25 kDa
Species:	Human
Immunogen:	β-Tubulin N-terminal peptide-KLH conjugates
Concentration:	1 μg/μl
Stock Buffer:	10 mM PBS (pH 7.2), 10% Glycerol, 0.09% NaN3 (sodium azide)
Specificity:	Recognizes native and denatured forms of β-Tubulin (~50kDa)
Purification:	Protein A affinity chromatography from mouse ascites fluid
Applications:	Dot, ELISA, IS, WB
Cross Reactivity:	β-Tubulin from human, monkey, mouse, rat, rabbit, chicken. β-Tubulin from other species may also be detectable
Quality Assurance:	Guaranteed for detecting endogenous β-Actin in 20 μg cell or tissue lysates
Working Conditions:	WB (with ECL): 1:1000-5000 dilution For best results with other assays (e.g.: Dot, ELISA, IS, etc), please determine optimal working dilution by titration test

Image:

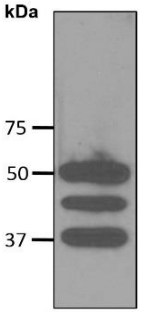

Figure 1. Three loading control mAbs reacting against 10 μg/lane of mouse brain tissue lysates. 50 kDa band is Anti-β-Tubulin (BT7R) at 1:2000 dilution (0.5 μg/ml); 42 kDa band is Anti-β-Actin (BA3R) at 1:1000 dilution (1 μg/ml); 37 kDa band is Anti-GAPDH (GA1R) at 1:5000 dilution (0.2 μg/ml)

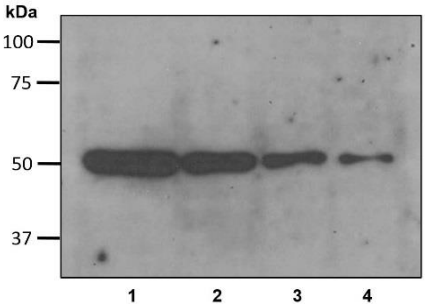

Figure 2. 1:4000 (0.25 μg/ml) Ab dilution used in WB of 10 μg/lane (1), 5 μg/lane (2), 2.5 μg/lane (3) and 1.25 μg/lane (4) mouse brain tissue lysates

Storage:	Store at -20°C. Centrifuge after first thaw to maximize product recovery. Aliquot to avoid repeated freeze-thaw cycles.
Note:	N/A