

Product datasheet for TA811000

beta Actin (ACTB) Mouse Monoclonal Antibody [Clone ID: OT11]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OT11
Applications:	WB
Recommend Dilution:	WB 1:2000
Reactivity:	Human, Monkey, Mouse, Rat, Dog
Host:	Mouse
Isotype:	IgG3
Clonality:	Monoclonal
Immunogen:	Synthetic peptide corresponding to the N terminal of human beta-actin conjugated to KLH.
Formulation:	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from cell culture supernatant by affinity chromatography
Predicted Protein Size:	41.6 kDa
Gene Name:	actin, beta
Database Link:	NP_001092 Entrez Gene 11461 MouseEntrez Gene 81822 RatEntrez Gene 403580 DogEntrez Gene 574285 MonkeyEntrez Gene 60 Human
Synonyms:	BRWS1; PS1TP5BP1
Protein Families:	ES Cell Differentiation/IPS
Protein Pathways:	Adherens junction, Arrhythmogenic right ventricular cardiomyopathy (ARVC), Dilated cardiomyopathy, Focal adhesion, Hypertrophic cardiomyopathy (HCM), Leukocyte transendothelial migration, Pathogenic Escherichia coli infection, Regulation of actin cytoskeleton, Tight junction, Vibrio cholerae infection, Viral myocarditis



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Product images:

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Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-beta-actin monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human) (1:2000).

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Western blot analysis of extracts (15ug) from 3 different tissues by using anti-beta-actin monoclonal antibody (1:2000).

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Western blot analysis of different amount of Hela cell lysate by using anti-beta-actin monoclonal antibody (1:2000).