

Product datasheet for **TA328071**

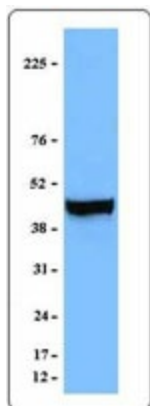
Actb Mouse Monoclonal Antibody [Clone ID: 2F1-1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	2F1-1
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Mouse, Human
Host:	Mouse
Isotype:	IgG2b, kappa
Clonality:	Monoclonal
Immunogen:	Not provided
Formulation:	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
Concentration:	lot specific
Purification:	The antibody was purified by affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	actin, beta
Database Link:	NP_031419 Entrez Gene 60 Human Entrez Gene 11461 Mouse P60710
Background:	β -actin is a ubiquitously expressed and highly conserved 42 kD cytoplasmic protein involved in cell motility. This critical cytoskeletal component can be disrupted by drugs such as cytochalasin. Because β -actin is ubiquitously expressed in all eukaryotic cells, it is frequently used as a loading control for assays involving protein detection (such as Western blotting).
Synonyms:	Beta-actin; PS1TP5BP1



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Product images:

NIH/3T3 cell extract was western blotted with 2F1-1. Proteins were visualized using a HRP goat anti-mouse antibody and a chemiluminescence detection system.