

Product datasheet for **AM11016PU-N**

beta Actin (ACTB) Mouse Monoclonal Antibody [Clone ID: 4E8H3]

Product data:

Product Type:	Primary Antibodies
Clone Name:	4E8H3
Applications:	WB
Recommended Dilution:	ELISA. Western blotting: 1/2000-1/10000.
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Immunogen:	ACTB recombinant protein is used to produce this monoclonal antibody.
Specificity:	This antibody is specific to Beta-Actin.
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative. State: Purified State: Liquid purified Ig fraction.
Concentration:	lot specific
Purification:	Protein G Chromatography eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	actin, beta
Database Link:	Entrez Gene 60 Human P60709
Background:	Actins are highly conserved proteins that are involved in cell motility, structure, and integrity. Beta-actin is a major constituent of the contractile apparatus and one of the two nonmuscle cytoskeletal actins.
Synonyms:	Actin cytoplasmic 1, Beta-Actin



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Product images:

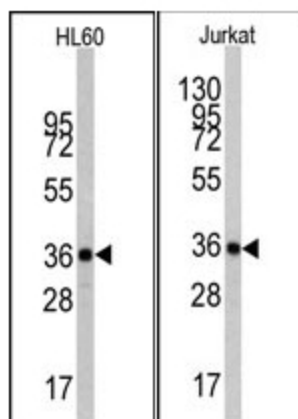


Figure 1. Western blot analysis of anti-Beta-actin Monoclonal Antibody in HL60 and Jurkat cell line lysates (35ug/lane). ACTB (arrow) was detected using the purified Mab.