

## Product datasheet for **AM20778PU-S**

### beta Actin (ACTB) Mouse Monoclonal Antibody [Clone ID: 26F7]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	26F7
Applications:	WB
Recommended Dilution:	<b>ELISA:</b> 1/2500. <b>Western Blot:</b> 1/1000-10,000.
Reactivity:	Chicken, Human, Mouse, Rabbit, Rat
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Peptide DDIAALVDNGDG derived from Human Beta-Actin, N-terminal conjugated to KLH.
Specificity:	This Monoclonal antibody recognizes Beta-Actin and shows no cross reactivity with other proteins.
Formulation:	PBS State: Aff - Purified State: Liquid purified Ig fraction Preservative: 0.02% Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography
Conjugation:	Unconjugated
Storage:	Store 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:	<u><a href="#">Entrez Gene 11461 Mouse</a></u> <u><a href="#">Entrez Gene 81822 Rat</a></u> <u><a href="#">Entrez Gene 60 Human P60709</a></u>



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<b>Background:</b>	Beta-Actin is one of the actin isoforms which have been identified in animals. Actins are highly conserved proteins so it is frequently used as internal standard referred to same amount of cells loaded. This anti-Beta-Actin antibody is developed use peptide derived from Beta-Actin of many animal species including human.
<b>Synonyms:</b>	Actin cytoplasmic 1, Beta-Actin
<b>Protein Families:</b>	ES Cell Differentiation/IPS
<b>Protein Pathways:</b>	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