



# Anti-ACTB monoclonal antibody, clone HU6623 (DCABH-7813)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Mouse monoclonal to beta Actin
<b>Antigen Description</b>	Actins are highly conserved proteins that are involved in various types of cell motility and are ubiquitously expressed in all eukaryotic cells.
<b>Immunogen</b>	Synthetic peptide within Human beta Actin aa 315-374 (C terminal). The exact sequence is proprietary. Database link: P60709
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Mouse, Rat, Rabbit, Goat, Human, S. cerevisiae, Fruit fly, Zebrafish
<b>Clone</b>	HU6623
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB
<b>Positive Control</b>	Jurkat, Raji, 293T, A431, HeLa, HepG2, H1299, HCT116, MCF-7, NT2D1, PC-3, U87-MG, NIH-3T3, mouse brain, PC-12, rat brain, drosophila, yeast, 30 hpf zebrafish, rabbit blood, goat blood
<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Preservative</b>	None
<b>Storage</b>	Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.

Ship

Shipped at 4°C.

## GENE INFORMATION

Gene Name	<a href="#">ACTB actin, beta [ Homo sapiens ]</a>
Official Symbol	ACTB
Synonyms	ACTB; actin, beta; actin, cytoplasmic 1; beta cytoskeletal actin; PS1TP5-binding protein 1; PS1TP5BP1;
Entrez Gene ID	<a href="#">60</a>
Protein Refseq	<a href="#">NP_001092</a>
UniProt ID	<a href="#">P60709</a>
Chromosome Location	7p22
Pathway	Adherens junction, organism-specific biosystem; Adherens junction, conserved biosystem; Arrhythmogenic right ventricular cardiomyopathy (ARVC), organism-specific biosystem; Arrhythmogenic right ventricular cardiomyopathy (ARVC), conserved biosystem; Bacterial invasion of epithelial cells, organism-specific biosystem; Bacterial invasion of epithelial cells, conserved biosystem; Chaperonin-mediated protein folding, organism-specific biosystem;
Function	ATP binding; Tat protein binding; kinesin binding; nitric-oxide synthase binding; nucleotide binding; protein binding; protein kinase binding; structural constituent of cytoskeleton;