



# Anti-ACTB monoclonal antibody, clone 2F8 (DCABH-10282)

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>	Recombinant full length Human beta Actin protein (AAH01301) with a proprietary 26 kDa tag.
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Mouse, Rat, Human
<b>Clone</b>	2F8
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ICC/IF, WB, IHC-P
<b>Positive Control</b>	Human stomach tissue; NIH/3T3, Raw 264.7, Jurkat and PC 12 cell lysates
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	Preservative: None; Constituents: 1X PBS, pH 7.2
<b>Preservative</b>	None
<b>Storage</b>	store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

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;