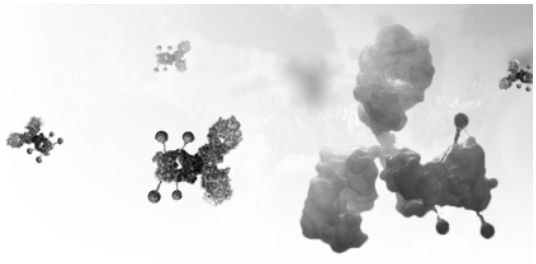

Anti-ACTB monoclonal antibody, clone 9G21H21 (DCABH-5399)

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

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to beta Actin
Antigen Description	Actins are highly conserved proteins that are involved in various types of cell motility and are ubiquitously expressed in all eukaryotic cells.
Specificity	This antibody detects endogenous levels of beta-actin and does not cross-react with related proteins.
Immunogen	Recombinant fragment corresponding to Human beta Actin. Expressed in E.coli.Database link: NM_001101
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Mouse, Rat, Rabbit, Goat, Human, S. cerevisiae, Fruit fly, Monkey, Zebrafish, African green monkey, Chinese Hamster, Pichia pastoris
Clone	9G21H21
Conjugate	Unconjugated
Applications	WB
Positive Control	WB: COS7, K562, HeLa, 3T3 cell lysate.
Format	Liquid
Size	100 µl
Buffer	pH: 7.40; Preservative: 0.02% Sodium azide; Constituents: 49% PBS, 50% Glycerol

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Preservative	0.02% Sodium Azide
Storage	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	ACTB actin, beta [Homo sapiens]
Official Symbol	ACTB
Synonyms	ACTB; actin, beta; actin, cytoplasmic 1; beta cytoskeletal actin; PS1TP5-binding protein 1; PS1TP5BP1;
Entrez Gene ID	60
Protein Refseq	NP_001092
UniProt ID	P60709
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;

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