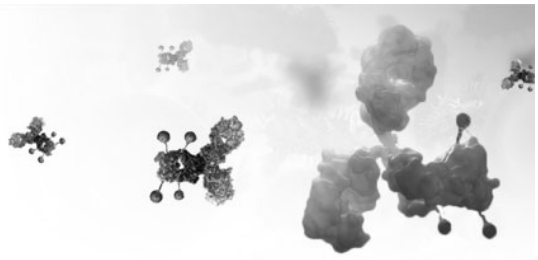

Anti-ACTB monoclonal antibody, clone nBcdbn 9337 (DCABH-10039)

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	Does not cross-react with adult cardiac, smooth, or skeletal muscle actin.
Immunogen	Synthetic peptide conjugated to KLH derived from within residues 1 - 100 of Human beta Actin.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Mouse, Rat, Rabbit, Horse, Chicken, Cow, Dog, Human, Pig, Zebrafish, African green monkey, Chinese Hamster, Armenian Hamster
Clone	nBcdbn 9337
Purity	IgG fraction
Conjugate	Unconjugated
Applications	ICC/IF, ICC, Flow Cyt, IHC-FrFl, IHC-P, IHC-Fr, IP, WB
Positive Control	This antibody gave a positive signal in the following whole cell lysates: A431; HEK293; NIH3T3; PC12.
Format	Liquid
Size	100 µg

45-1 Ramsey Road, Shirley, NY 11967, USA
Email:info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Buffer	pH: 7.40; Preservative: 0.02% Sodium azide; Constituent: PBS. Note: Contains 0.4M Arginine
Preservative	0.02% Sodium Azide
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

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;

45-1 Ramsey Road, Shirley, NY 11967, USA
Email:info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221