

Beta Actin Monoclonal Antibody

CATALOG NO:	A1031-100
AMOUNT:	100 µg (1 mg/ml)
ALTERNATE NAMES:	ACTB
CLONE:	4F7
IMMUNOGEN:	Synthetic peptide
HOST/ISOTYPE:	Mouse IgG
SPECIES REACTIVITY:	Human
PURIFICATION:	Affinity purified using protein G
FORM:	Liquid
FORMULATION:	Supplied in 0.01M Tris-HCl, pH 8.0, 0.15M NaCl, and 0.02% sodium azide. Protein was determined by OD280 absorbance.
STORAGE CONDITIONS:	Store at 4°C. For long term storage, aliquot and freeze at -20°C. Avoid repeated freeze/thaw cycles.
DESCRIPTION:	Actin is expressed in all eukaryotic cells and is the major component of the cytoskeleton. At least six types of actin are present in mammalian tissues and fall into three classes. Alpha actin expression is limited to various types of muscle and it regulates contractile potentials for the muscle cells, whereas beta and gamma actin, also known as cytoplasmic actin, are predominantly expressed in non-muscle cells, controlling cell structure and motility.
APPLICATION:	Western blot: 1-5 µg/ml ELISA Immunoblot Analysis: 0.5-2µg/ml Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.

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- Mammalian Cell Extraction Kit
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