



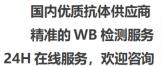
β-actin Monoclonal Antibody(5B7), AbFluor™ 647 Conjugated

for your Immunofluorescence analysis. Formulation Liquid in PBS, pH 7.4, containing 0.02% sodium azide as preservative and 50% Glycerol. Source Monoclonal, Mouse IgG1 Purification The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen. Dilution Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: IHC: 1:200, IF 1:200. Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms ACTB Observed Band Cell Pathway Cytoplasm, cytoskeleton . Nucleus . Localized in cytoplasmic mRNP granules containing untranslated mRNAs Tissue Specificity B-cell lymphoma, Brain, Cajal-Retzius cell, Eye, Fetal brain cortex, Foreskin, Hepatocellular car Function disease:Defects in ACTB are a cause of dystonia juvenile-onset (DYTJ)		
Reactivity Human;Rat;Mouse;Mk;Dg;Ch;Hamster;Rabbit;Insect Applications IF;WB;IHC Gene Name ACTB Protein Name Actin cytoplasmic 1 Immunogen Specificity β-actin Monoclonal Antibody(5B7) AbFluor™ 647 Conjugated specially designed for your Immunofluorescence analysis. Formulation Liquid in PBS, pH 7.4, containing 0.02% sodium azide as preservative and 50% Glycerol. Source Monoclonal, Mouse IgG1 Purification The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen. Dilution Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: IHC: 1:200, IF 1:200. Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms ACTB Observed Band Cell Pathway Cytoplasm, cytoskeleton . Nucleus . Localized in cytoplasmic mRNP granules containing untranslated mRNAs Tissue Specificity B-cell lymphoma Brain, Cajal-Retzius cell, Eye, Fetal brain cortex, Foreskin, Hepatocellular car disease:Defects in ACTB are a cause of dystonia juvenile-onset (DYTJ) [MIM:607371]. DYTJ is a form of dystonia with juvenile onset. Dystonia is defined by the presence of sustained involuntary muscle contraction, often leading to abnormal postures. DYTJ patients manifest progressive, generalized, dopa-unresponsive dystonia, developmental malformations and sensory hearing loss, function:Actins are highly conserved proteins that are involved in various types of cell molitify and are ubiquitously expressed in all evaryotic	Catalog No	BYab-04705
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	and gamma have been identified. The alpha actins are found in muscle tissues and are a major constituent of the contractile apparatus. The beta and gamma actins coexist in most cell types as components of the cytoskeleton and as mediators of internal cell motility.,similarity:Belongs to the
Background	This gene encodes one of six different actin proteins. Actins are highly conserved proteins that are involved in cell motility, structure, and integrity. This actin is a major constituent of the contractile apparatus and one of the two nonmuscle cytoskeletal actins. [provided by RefSeq, Jul 2008],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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