

Actin Antibody**Subcategory:** Mouse Monoclonal Antibody**Cat. No.:** 251707**Unit:** 0.1 mg**Description:**

Actins are highly conserved proteins that are involved in various types of cell motility and are ubiquitously expressed in all eukaryotic cells. Defects in beta-actin are a cause of dystonia juvenile-onset (DYTJ). 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.

Isotype: Mouse IgG2a**Applications:** E, WB, IHC, ICC**Species Reactivity:** H, M, R, Ck**Format:** Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 2% BSA with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.**Alternate Names:** Actin, cytoplasmic 1; Beta-actin; ACTB**Accession No.:** P60709**Antigen:** KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human beta-actin.**Application Notes:** E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500; ICC: 1:100-1:500**Storage:** Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.