THE^{TM} beta Actin Antibody [Biotin], mAb, Mouse

Cat. No.: A01546

Size: 100 µg

Synonyms: THE™ β-Actin Antibody [Biotin], mAb, Mouse;

Description:

GenScript **THE^{TM} β-actin Antibody [Biotin], mAb, Mouse** is the biotin conjugated **THE^{TM} β-Actin Antibody, mAb, Mouse** (A00702) purified from mice ascites by protein A affinity column.

Immunogen: KLH-coupled synthetic peptide within residues 1-50 of human β-actin (Swiss Prot: P60709)

Host: Mouse

Conjugation: Biotin

Fusion Partner:

Spleen cells are fused with SP2/0-Ag14 mouse myeloma cells

Formulation:

0.5 mg/ml, lyophilized with PBS, pH 7.4, containing 1% BSA and 0.02% sodium azide

Clone: 2D1D10

Ig Subclass: Mouse IgG2a, k

Specificity: GenScript **THE^{TM} β-actin Antibody[Biotin], mAb, Mouse** recognizes Mouse, Rabbit, Chicken, Human, Hamster, Cow, Goat, Fish, Pig, and Monkey. The antibody has not yet been trested in other species.

Applications:

Working concentrations for specific applications should be determined by the investigator. The appropriate concentrations may be affected by secondary antibody affinity, antigen concentration, the sensitivity of the method of detection, temperature, the length of the incubations, and other factors. The suitability of this antibody for applications other than those listed below has not been determined. The following concentration ranges are recommended starting points for this product.

ELISA: 0.05-0.2 µg/ml

Western blot: 0.1-1 µg/ml

Other applications: user-optimized

Reconstitution:

Reconstitute the lyophilized antibody (100 µg) with 200 µl of deionized water (or equivalent) to the final concentration of 0.5 mg/ml.

Storage:

The antibody is stable in lyophilized form if stored at -20°C or below. The reconstituted antibody can be stored for 2-3 weeks at 2-8°C. For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles.