

DATASHEET

Version: 2016-08-17

THE™ beta Actin Antibody [HRP], mAb, Mouse

Cat. No.: A00730-200

Size: 200 µg

Synonyms: THE™ beta Actin Antibody [HRP], mAb, Mouse;

Description:

GenScript THE™ beta Actin Antibody [HRP], mAb, Mouse is HRP conjugated THE™ beta Actin Antibody, mAb, Mouse (A00702) purified from mice ascites by protein G affinity column. This product provides a useful and serves as a specific tool in the study of the intracellular distribution of β -actin and the static and dynamic aspects of the cytoskeleton. Do not add azide because it inhibits the activity of HRP.

Immunogen: A synthetic peptide DDDIAALVVDNGSG coupled to KLH

Host: Mouse

Conjugation: Horseradish peroxidase (HRP)

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 0.01% thimerosal

Clone: 2D1D10

Ig Subclass: Mouse IgG2a

Specificity: THE™ beta Actin Antibody [HRP], mAb,

Mouse reacts with mouse, rabbit, chicken, human, hamster, cow, goat, fish, and pig substrates. It has not yet been tested in other species.

Purification: Protein G affinity column

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: 0.1-1.0 µg/ml

Western blot: 0.1-1.0 µg/ml

Other applications: user-optimized

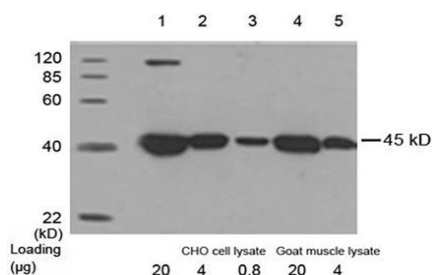
Reconstitution:

Reconstitute the lyophilized powder with deionized water (or equivalent) to an 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.

Example



Detection antibody: 1 µg/ml THE™ Anti- β -Actin [HRP] Monoclonal Antibody (Mouse) (GenScript, A00730)

The signal was developed with LumiSensor™ HRP Substrate Kit (GenScript, L00221V500).