

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

Cat. No.: A00730

Overview

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.
Host Species	Mouse
Immunogen	A synthetic peptide DDDIAALWDNGSG coupled to KLH
Conjugate	Horseradish peroxidase (HRP)

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.

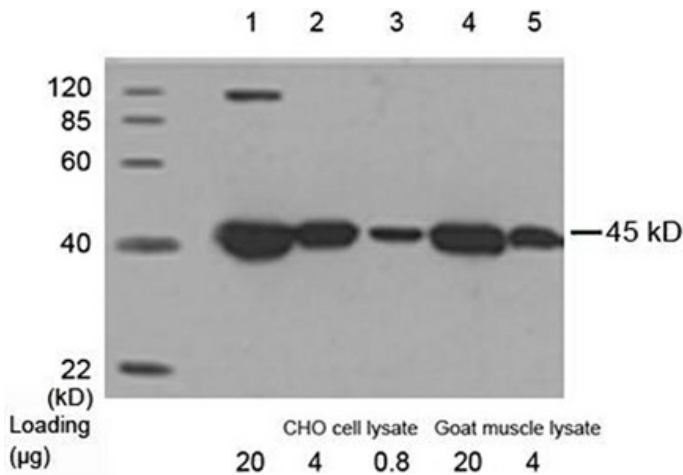
Application	Recommended Usage
ELISA	0.1-1.0 µg/ml
Western Blot	0.1-1.0 µg/ml

Properties

Form	Lyophilized
Storage Buffer	Lyophilized with PBS, pH 7.4, containing 1% BSA and 0.01% thimerosal
Reconstitution	Reconstitute the lyophilized powder with deionized water (or equivalent) to a final concentration of 0.5 mg/ml.
Storage Instructions	The lyophilized product remains stable for up to 1 year at -20 °C from the date of receipt. Upon reconstitution, it can be stored for 2-3 weeks at 2-8 °C or for up to 12 months at -20 °C or below. Avoid repeated freezing and thawing cycles.
Purification	Protein G affinity column

Isotype	Mouse IgG2a
Clonality	Monoclonal
Clone ID	2D1D10

Examples



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).

Background

Target Background : 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.

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

For laboratory research use only. Direct human use, including taking orally and injection and clinical use are forbidden.

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