

Rev07  
Update: Aug,11,2025**DATASHEET**

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

Cat. No.: A00730

## Overview

<b>Specificity</b>	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.
<b>Host Species</b>	Mouse
<b>Immunogen</b>	A synthetic peptide DDDIAALVWDNGSG coupled to KLH
<b>Conjugate</b>	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.

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

## Properties

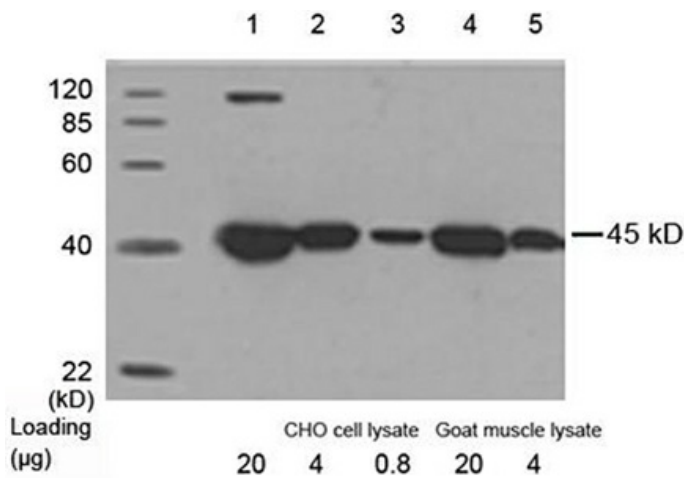
<b>Form</b>	Lyophilized
<b>Storage Buffer</b>	Lyophilized with PBS, pH 7.4, containing 1% BSA and 0.01% thimerosal
<b>Reconstitution</b>	Reconstitute the lyophilized powder with deionized water (or equivalent) to a final concentration of 0.5 mg/ml.
<b>Storage Instructions</b>	The lyophilized product 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.
<b>Purification</b>	Protein G affinity column
<b>Isotype</b>	Mouse IgG2a
<b>Clonality</b>	Monoclonal

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**Clone ID** 2D1D10

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## 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.**

Manufacturer: Nanjing GenScript Biotech Co., Ltd. No. 28 Yongxi Road, Jiangning District, Nanjing, Jiangsu, China