

THE™ His Tag Antibody [HRP], mAb, Mouse

Cat. No.: A00612

Overview

Specificity	THE™ His Tag Antibody [HRP], mAb, Mouse recognizes His tags localized at C-terminal, N-terminal, and internal region of fusion proteins.
Host Species	Mouse
Immunogen	A synthetic peptide HHHHHH 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	0.05-0.5 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 date of receipt. 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. Upon receiving, spin the vial down to place the lyophilized antibody on the bottom of the vial. Reconstitute the antibody as mentioned above. Prepare single use aliquots (no less than 10µl) in amber vials and freeze it immediately at -20°C. The frozen aliquots should be thawed once with any remainder kept at 4 °C.
Purification	Purified by Protein A affinity chromatograph.
Isotype	Mouse IgG1,κ
Clonality	Monoclonal
Clone ID	6G2A9

Examples

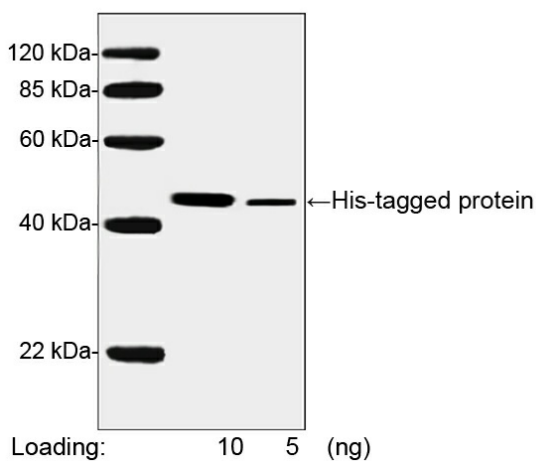


Figure 1. A recombinant His-tagged protein was detected by Western blotting using THE™ His Tag Antibody [HRP], mAb, Mouse (A00612) at 1 µg/mL concentration. The signal was developed with LumiSensor™ HRP Substrate Kit (GenScript, L00221, discontinued).

Background

Target Background : GenScript' s THE™ His Tag Antibody [HRP], mAb, Mouse is HRP conjugated THE™ Anti-His Monoclonal Antibody (Mouse) (A00186) purified by protein A affinity chromatograph. This product is suitable for detecting the expression level of His-tagged proteins various immunoassays.

Synonyms : His-tag Antibody [HRP],mAb, Mouse

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