

Rev05
Update: Nov,03,2023

DATASHEET

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

Cat. No.: A00613

Overview

Specificity	GenScript THE™ His Tag Antibody [Biotin], mAb, Mouse specifically recognizes C-terminal, N-terminal, and internal His tagged fusion proteins.
Host Species	Mouse
Immunogen	A synthetic peptide (HHHHHH) coupled to KLH
Conjugate	Biotin

Applications

Working concentrations for specific applications should be determined by the investigator. Appropriate concentrations will be affected by several factors, including secondary antibody affinity, antigen concentration, sensitivity of detection method, temperature, and length of incubations, etc. 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.

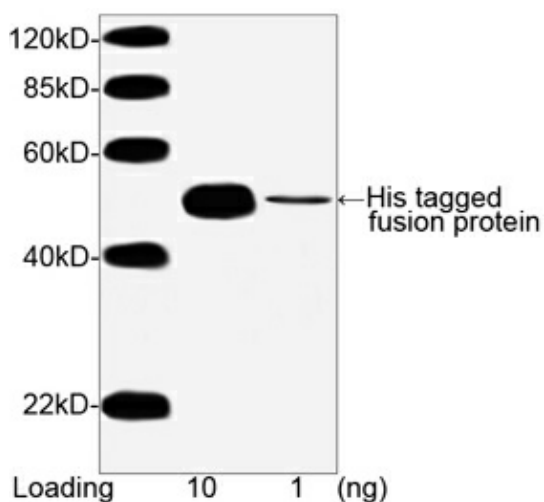
Application	Recommended Usage
ELISA	0.02-0.2 µg/ml
Western Blot	0.5-1.0 µg/ml

Properties

Form	Lyophilized
Storage Buffer	Lyophilized with PBS, pH 7.4, containing 1% BSA and 0.02% sodium azide
Reconstitution	Reconstitute the lyophilized powder with deionized water (or equivalent) to an 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 A affinity column

Isotype	Mouse IgG1, κ
Clonality	Monoclonal
Clone ID	6G2A9

Examples



Western blot analysis of His tagged fusion protein (Genscript, M0100) using THE™ His Tag Antibody [Biotin], mAb, mouse (GenScript, A00613, 1 μ g/ml)

The signal was developed with Streptavidin-HRP (GenScript, M00091, 1:10,000) and LumiSensor™ HRP Substrate Kit (GenScript, L00221)

Predicted Size: 52 KD

Observed Size: 52 KD

Background

Target Background : GenScript THE™ His Tag Antibody [Biotin], mAb, mouse is the biotin conjugated THE™ His Tag Antibody, mAb, mouse (A00186) purified from mice ascites by protein A affinity column. The antibody is suitable for detecting the expression level of His in fusion proteins.

Synonyms : THE™ His Tag Antibody [Biotin], mAb, Mouse;

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

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