

Rev01  
Update: Aug,15,2023

## DATASHEET

Cat. No.: A02247

## Overview

<b>Specificity</b>	THE™ His Tag Antibody [PE], mAb, Mouse recognizes N-terminal, internal and C-terminal His-tagged proteins.
<b>Host Species</b>	Mouse
<b>Immunogen</b>	A synthetic peptide HHHHHH coupled to KLH
<b>Conjugate</b>	PE

## Applications

Working concentrations for specific applications should be determined by the investigator. The appropriate concentrations may be affected by 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>
Flow Cytometry	1:125-1:500
Immunocytochemistry/Immunofluorescence (ICC/IF)	1:125-1:500

## Properties

<b>Form</b>	Liquid
<b>Storage Buffer</b>	Supplied in PBS (pH 7.2), containing gelatin and 0.03% ProClin300.
<b>Concentration</b>	0.5 mg/ml
<b>Storage Instructions</b>	Stored at 4°C and it should be protected from prolonged exposure to light. Do not freeze. This product is stable for 1 year upon receipt, when handled and stored as instructed.
<b>Purification</b>	Protein A affinity column
<b>Isotype</b>	Mouse IgG1, $\kappa$
<b>Clonality</b>	Monoclonal
<b>Clone ID</b>	6G2A9

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**Note** GenScript can customize this product per customer's request including product size, buffer components, etc.

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## Background

**Target Background :** The His tag is a short amino acid sequence consists of Histidine (His) residues appended to recombinant proteins. Ni-charged resins are used for the purification of His-tagged proteins from eukaryotic and prokaryotic expression systems. An anti-His tag antibody is a useful tool for the analysis of His-tagged proteins. THE™ His Tag Antibody [PE], mAb, Mouse is THE™ His Tag Antibody (A00186) conjugated with phycoerythrin under optimal conditions. It is suitable for detecting the expression level of His-tagged proteins.

**Synonyms :** THE™ His Tag Antibody [PE], mAb, Mouse; His Tag Antibody [PE], mAb, Mouse; PE conjugated His antibody; PE conjugated His monoclonal antibody

**For research use only. Not intended for human and animal therapeutic or diagnostic use.**

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