

## Product overview

product name	Anti His tag mouse monoclonal antibody
catalog No.	ATMA00001Mo
Category	Primary antibody
Host	Mouse
Species specificity	Recognize C-terminal, internal, and N-terminal His-tag fusion proteins.
Tested applications	WB, IP
Clonality	Monoclonal
Clone No.	4E6
Conjugation	Unconjugated
Immunogen	Synthetic peptide HHHHHH-conjugated to KLH.
Alternative Names	6 His epitope tag, Hexa His tag, HHHHHH epitope tag, HHHHHH tag, His tag, Polyhistidine Tag.
Uniprot ID	/

## Product performance

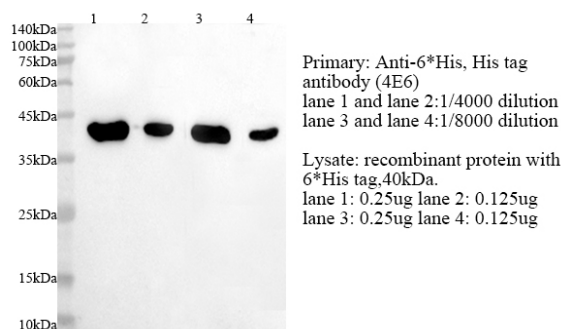
Form	Liquid
Buffer	Supplied as solution form in PBS, pH7.4, containing 0.02% NaN <sub>3</sub> , 50% glycerol.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 4 °C for frequent use. Store at -20 to -80 °C for twelve months from the date of receipt.
Concentration	0.5mg/ml
Isotype	IgG1
MW	/
Purity	Protein G purification

## Dilution range

WB: 1:2000-1:8000, IP: 1:100-1:200

## Product experiment picture





## Product background

Protein tags are protein or peptide sequences located either on the C- or N- terminal of the target protein, which facilitates one or several of the following characteristics: solubility, detection, purification, localization and expression. His-tag is often used for affinity purification and binding assays. Expressed His-tagged proteins can be purified and detected easily because the string of histidine residues binds to several types of immobilized metal ions, including nickel, cobalt and copper, under specific buffer conditions. The His-tag antibody is a useful tool for monitoring of the His-tagged proteins, and recognizes His-tags placed at N-terminal, C-terminal, and internal regions of fusion proteins expressed in bacteria, insect, and mammalian cells.