

产品概述

产品名 (Product Name)	Anti His tag mouse monoclonal antibody(Biotin)
货号 (Catalog No.)	ATMA00012Mo
种类 (Category)	Primary antibody
宿主 (Host)	Mouse
反应种属 (Species specificity)	Recognize C-terminal, internal, and N-terminal His-tag fusion proteins.
应用实验 (Tested applications)	WB
克隆性 (Clonality)	Monoclonal
克隆编号 (Clone No.)	4E6
偶连物 (Conjugation)	Biotin
免疫原 (Immunogen)	Synthetic peptide HHHHHH-conjugated to KLH.
别名	6 His epitope tag, Hexa His tag, HHHHHH epitope tag, HHHHHH tag, His tag, Polyhistidine Tag.
Note	For research use only .

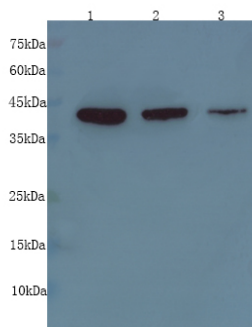
产品性能

状态 (Form)	Liquid
储存溶液 (Buffer)	Supplied as solution form in PBS, pH7.4, containing 0.02% NaN ₃ , 50% glycerol.
存放条件 (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.
浓度 (Concentration)	0.5mg/ml
亚型 (Isotype)	IgG1
纯化方式 (Purity)	Protein G purification

应用

WB: 1:4,000-16,000

产品实验图片



Primary: Anti-6*His, His tag antibody (4E6) biotin at 1/5000 dilution

Lysate: recombinant protein with 6*His tag, 35kDa.

Lane 1: 0.25ug
Lane 2: 0.125ug
Lane 3: 0.0625ug

产品背景

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.