

Anti-His Tag Rabbit Monoclonal Antibody

Introduction

This product is a rabbit monoclonal antibody that specifically recognizes the polyhistidine tag (His-Tag). The His-Tag, typically the 6×His tag (sequence: HHHHHH), is one of the most widely used tags in recombinant protein purification, enabling rapid purification via immobilized metal ion affinity chromatography (IMAC). This rabbit monoclonal antibody offers high specificity and high affinity, and has been validated for Western Blot (WB), Immunohistochemistry (IHC-P), Immunocytochemistry/Immunofluorescence (ICC/IF), Flow Cytometry (FC), and Immunoprecipitation (IP). It is particularly suitable for high-precision detection applications requiring cellular localization, histological analysis, and protein interaction studies of His-tagged fusion proteins.

Product parameters

Alternative Names	6 His epitope tag; Hexa His tag; HHHHHH epitope tag; HHHHHH tag; His tag
Gene ID	-
Gene Name	-
SwissProt ID	-
Host	Rabbit
Reactivity	Species-independent
Molecular Weight	-
Conjugation	Unconjugated
Ex	-
Em	-
Modification	Unmodified
Clonality	IgG
Isotype	Monoclonal Antibody
Clonality No.	AP-7E11E11
Form	Liquid
Concentration	See label
Carrier	Carrier Not Free
Immunogen	Synthetic 6×His peptide (HHHHHH) conjugated to KLH.
Purification	Affinity Purified
Buffer System	Liquid in 50 mM Tris-Glycine containing 0.15 M NaCl, 40% glycerol, 0.01% sodium azide and 0.05% BSA, pH 7.4.
Application	WB, IHC-P, ICC/IF, FC, IP

Dilution Ratio	WB-1:1000-1:5000; IHC-P-1:1000-1:5000; ICC/IF-1:100; FC-1:200-1:500; IP-1:20-1:50
Research Field	Tags & Cell Markers
Product Categories	Primary antibody
Shipping	Blue ice
Storage	-20°C
Expiration Date	12 months
Note	Please avoid freeze-thaw cycles.

Protocol

Configure the product according to the application range and recommended dilution ratio.

***Note:** The primary antibody dilution buffer options: WB - Primary Antibody Dilution Buffer (Cat. #: K1200, Not for HRP/AP conjugated antibodies), Immunostaining - Immunol Staining Primary Antibody Dilution Solution (Cat. #: K4655).

Note

1. This product is for scientific research use only.

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