

Anti-His Tag Rabbit Monoclonal Antibody, FITC conjugated



Catalog #: T011-FITC

Aliases

6 His epitope tag; Hexa His tag; HHHHHH epitope tag; HHHHHH tag; His tag

Background

The His-Tag (or Polyhistidine tag) is a short amino acid sequence, typically composed of six to ten consecutive histidine residues (e.g., His₆), genetically engineered onto either the N- or C-terminus of a recombinant protein. Its primary function is to facilitate the purification of the tagged protein using immobilized metal affinity chromatography (IMAC). Histidine residues possess an imidazole side chain that exhibits high affinity for certain divalent metal ions, such as nickel (Ni²⁺), cobalt (Co²⁺), copper (Cu²⁺), or zinc (Zn²⁺). This specific interaction allows the His-tagged protein to bind tightly to a chromatography resin charged with one of these metal ions.

Application Information

Molecular Weight: Recombinant protein dependent

Clonality: Rabbit monoclonal antibody

Species Reactivity: Recombinant protein

Applications Tested: ELISA (E), immunocytochemistry (IC)

Conjugation: FITC

Immunogen

A synthesized peptide derived from HHHHHH

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.2) containing 50% glycerol, 0.05% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

ELISA (E): Use at an assay dependent dilution

SUPPORT

SUPPORT@GENUINBIOTECH.COM
TEL: +1-540-855-7041

ORDERS

SALES@GENUINBIOTECH.COM
FAX: +1-540-855-7041

WWW.GENUINBIOTECH.COM

Anti-His Tag Rabbit Monoclonal Antibody, FITC conjugated

PAGE 2

Note: This product is for research use only.

Validation Data



SUPPORT

SUPPORT@GENUINBIOTECH.COM
TEL: +1-540-855-7041

ORDERS

SALES@GENUINBIOTECH.COM
FAX: +1-540-855-7041

WWW.GENUINBIOTECH.COM