

Anti-His Tag Mouse Mab Antibody (5C3)

Cat #: D-AKE2050

Size: 50 µL / 200 µL

Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.

Background

A polyhistidine-tag is an amino acid motif in proteins that consists of at least five histidine (His) residues, often at the N- or C-terminus of the protein. It is also known as hexa histidine-tag, 6xHis-tag, and by the trademarked name His-tag. Polyhistidine-tags are often used for affinity purification of polyhistidine-tagged recombinant proteins expressed in *Escherichia coli* and other prokaryotic expression systems.

Product Information

Applications: WB, IF, IP

Suggested starting dilutions are as follows: WB (1:5000), IF (1:1500), IP (1:300)

Isotype: Mouse IgG

Reactivity: Mammals, Bacteria

Formulation: Liquid solution

Concentration: 1 mg/mL

Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.

Storage Buffer: Liquid in PBS, pH 7.4, containing 0.02% Sodium Azide as preservative and 50% Glycerol.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

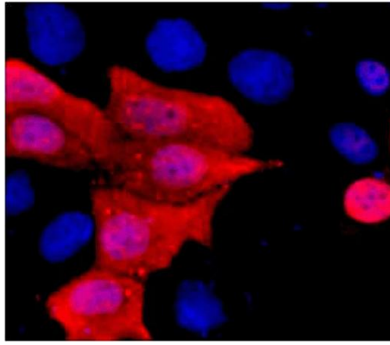


Fig.1. Immunofluorescence staining (1:1500) of His fusion protein in 293 cells with red and counterstained with DAPI.

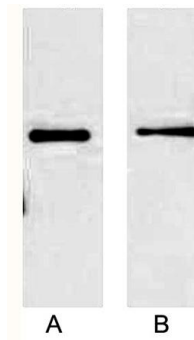


Fig.2. Western blot analysis of 2ug His fusion protein with Anti-His Mouse Monoclonal Antibody (5C3) in 1:5000 dilution (lane A) and 1:10000 dilution (lane B).

Note:

The product listed herein is for research use only and is not intended for use in human or clinical diagnosis.