



Anti-His Tag Mouse Monoclonal Antibody (5C3)

Cat #: ABT2050

Size: 50µl/200µl/200µl×5

Product Information

	Product Name: Anti-His Tag Mouse Monoclonal Antibody (5C3)		
	Applications: WB, IF, IP		Isotype: Mouse IgG
	Reactivity: Mammals, Bacteria		
REF	Catalog Number: ABT2050	LOT	Lot Number: Refer to product label
	Formulation: Liquid solution		Concentration: 1 mg/ml
	Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.		Note: Contain sodium azide.

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.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:5000), IF (1:1500), IP (1:300).

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.

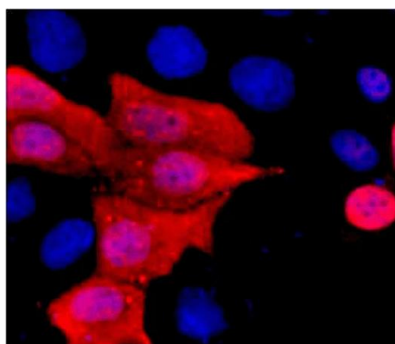


Fig.1. Immunofluorescence staining (1:1500) of His fusion protein in 293 cells with red and counterstained with DAPI.

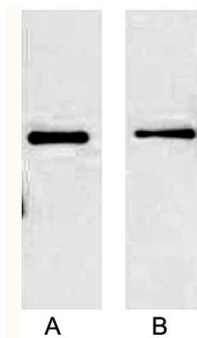


Fig.2. Western blot analysis of 2ug His fusion protein with Anti-His Mouse Monoclonal Antibody (5C3) in 1:5000 dilution (lane A) and 1:10000 dilution (lane B).

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