



Anti-mCherry Tag Mouse Monoclonal Antibody (9D3)

Cat #: ABT2080

Size: 50µl /200µl /200µl×5

Product Information

	Product Name: Anti-mCherry Tag Mouse Monoclonal Antibody (9D3)		
	Applications: WB, IF		Isotype: Mouse IgG
	Reactivity: Mammals, Bacteria		
REF	Catalog Number: ABT2080	LOT	Lot Number: Refer to product label
	Formulation: Liquid		Concentration: 1 mg/ml
	Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.		Note: Contain sodium azide.

Background: mCherry is a fluorophore (a fluorescent protein) used in biotechnology as a tracer to follow the flow of fluids, as a marker when tagged to molecules and cell components. mCherry, derived from a protein isolated from *Discosoma* sp., is a 28.8kD monomeric fluorescent construct with peak absorption/emission at 587 nm and 610 nm. mCherry is sometimes preferred to other fluorophores due to its colour, as well as its photostability compared to other monomeric fluorophores.

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

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.

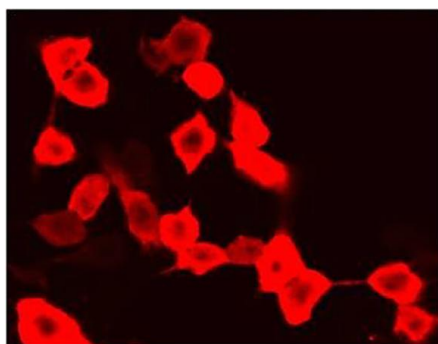


Fig.1. Immunofluorescence staining (1:200) of mCherry fusion protein in 293 cells with red.

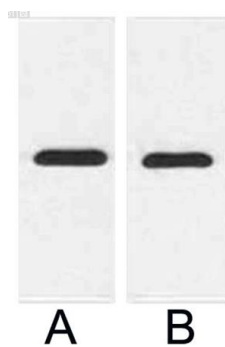


Fig.2. Western blot analysis of 1ug mCherry fusion protein with Anti-mCherry Tag Mouse Monoclonal Antibody (9D3) in 1:2000 (lane A) and 1:5000 (lane B) dilutions.

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