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Anti-GFP Tag Mouse Monoclonal Antibody (3D3)

Cat #: ABT2020 Size: 50μl/200μl/200μl×5

Product Information

	Product Name: Anti-GFP Tag Mouse Monoclonal Antibody (3D3)		
	Applications: WB,IP		**Isotype:** Mouse IgG
	Reactivity: Mammals, Bacteria		
REF	**Catalog Number:** ABT2020	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: The green fluorescent protein (GFP) is a protein composed of 238 amino acid residues (26.9kD) that exhibits bright green fluorescence when exposed to light in the blue to ultraviolet range. Although many other marine organisms have similar green fluorescent proteins, GFP traditionally refers to the protein first isolated from the jellyfish. The GFP has a major excitation peak at a wavelength of 395 nm and a minor one at 475 nm. Its emission peak is at 509 nm, which is in the lower green portion of the visible spectrum.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:5000), IP(1:400).

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.

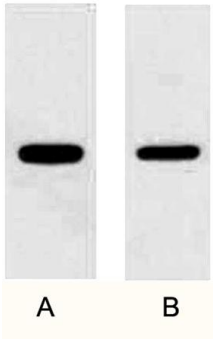

Fig.2. WB analysis of 2μg GFP fusion protein with Anti-GFP Mouse Monoclonal Antibody (3D3) in 1:5000 (lane A) and 1:10000 (lane B) dilutions.

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