



Cyrusbioscience

GFP-Tag Antibody (Mouse)

Catalog Number: TAB0006

Amount: 100µg/100µl

Clone Number: 1G6

Background: The green fluorescent protein (GFP) is a protein composed of 238 amino acid residues (26.9kDa) that exhibits bright green fluorescence when exposed to light in the blue to ultraviolet range. In cell and molecular biology, the GFP gene is frequently used as a reporter of expression.

Form of Antibody: Mouse IgG1 in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage/Stability: Store at -20°C/1 year

Immunogen: Green Fluorescent Protein (GFP) fusion protein corresponding to the full length amino acid sequence (246aa) from the jellyfish *Aequorea victoria*.

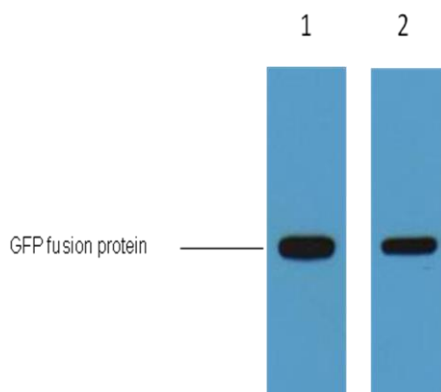
Specificity/Sensitivity: The GFP tag antibody can recognize GFP and GFP tag fusion proteins.

Applications: WB: 1:2,000-1:5,000

References: Ouyang Y, et al. (2005) *Eur J Neurosci*, 22 (12):2995-3005

Jurado C, et al. (2005) *Mol Biol Cell*, 16 (2):507-518

Wang L, et al. (2004) *Cancer Res*, 64 (21): 7673-7677.



2µg GFP fusion protein+ Primary antibody dilution at 1:5,000 (lane 1)
and 1:10,000 (lane 2).