Monoclonal Anti-GFP Tag

Catalog# BTL1007

Lot # Check on the product label

Size 100μg

Isotype IgG1

Host Mouse

Reactivity
All

Specificity
Recognize GFP and GFP fusion proteins.

Product Form Liquid (1mg/ml)

Immunogen
Recombinant GFP protein with full length.

Recommend Application
Western Blot (1:5000-10000)
Immunoprecipitation, IP (1:100-500)
Immunofluorescence, IF (1:500-1000)
ELISA (1:2000)
Other applications have not been tested.
The optimal dilutions should be determined by end user.

Storage Instruction
Store at -20°C for 1 year. Or aliquot and store at -80°C for long term.
Avoid repeated freeze and thaw cycles.

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. The GFP gene can be introduced into organisms and maintained in their genome through breeding, injection with a viral vector, or cell transformation. To date, the GFP gene has been introduced and expressed in many Bacteria, Yeast and other Fungi, fish (such as zebrafish), plant, fly, and mammalian cells, including human.

Reference
1. Prendergast F, Mann K (1978). "Chemical and physical properties of aequorin and the green fluorescent protein isolated from Aequorea forskålea". Biochemistry 17 (17): 3448–53.
2. Tsien R (1998). "The green fluorescent protein". Annu Rev Biochem 67: 509–44.

FOR RESEARCH USE ONLY, NOT FOR DIAGNOSTIC AND CLINICAL USE.

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