

Anti-GFP Tag Mouse Monoclonal Antibody

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Catalog Number : MAN2007

Lot Number : Refer to vial

Packaging Size : 100µL □ 200µL □ 500µL □ 1000µL □

Background

Assayed by ELISA for direct binding of antigen recognizes wild type and recombinant GFP. Well suited to titrate GFP in solution using either form of the antibody as the capture or detection antibodies. Since the molecular cloning of GFP cDNA and demonstration of GFP as a functional transgene, GFP has become a powerful tool with exciting applications in developmental, cell and molecular biology. YFP is the recent discovered protein that has the similar function and applications as GFP. Either GFP or YFP fluorescence is not species specific and can be expressed in bacteria, yeast, plant and mammalian cells. GFP or YFP can fuse with proteins of interest without interfering significantly with their assembly and function.

Overview

Description : Mouse monoclonal antibody to GFP [7C5]

Reactivity : Green fluorescent protein (GFP), yellow fluorescent protein(YFP), cyan fluorescent protein(CFP)

Tested applications : WB (1:5000), IP (Use at an assay dependent dilution.) **Formulation** : Liquid ,100 µg at 1mg/ml

Properties

Immunogen : a Green Fluorescent Protein (GFP) fusion protein

Clonality : 7C5

Isotype : Mouse IgG2a

Application notes



Fig. Lane 1: HEK293 cells transfected with GFP-tagged protein vector at 1:5000.
Lane 2: HEK293 cells transfected with GFP-tagged protein vector at 1:5000.

Optimal working dilutions should be determined experimentally by the investigator.

Storage instruction

Store at +4°C short term (1-2 weeks).

Aliquot and store at -20°C or -80°C

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