

A Reliable Research Partner in Life Science and Medicine

GFP Monoclonal Antibody

catalog number: E-AB-48043

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity All

Immunogen Recombinant GFP protein expressed by E.coli

 Host
 Mouse

 Isotype
 IgG2a

 Clone
 2A7

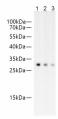
Purification Protein A/G Purification

Buffer PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4

Applications Recommended Dilution

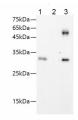
WB 1:100000-1:200000IF 1:8000-1:16000IP 3μg/sample

Data



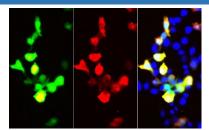
Western blot of GFP protein with anti-GFP at dilution of 1:50000, 1:100000, 200000. Lane 1:293F cells transfected with GFP-Tag fusion protein, lane 2: 293F cells transfected with GFP-Tag fusion protein, Lane 3:293F cells transfected

with GFP-Tag fusion protein
Observed-MW:32 kDa
Calculated-MW:32 kDa



IP Result of 293F cells transfected with GFP-Tag fusion protein, using anti-GFP-Tag mouse monoclonal antibody.

Lane 1:input, lane 2: mouse IgG2a Isotype Control, Lane 3: anti-GFP-Tag monoclonal antibody



Immunofluorescent analysis of 293F cells transfected with the FLAG-GFP, using anti-GFP-Tag Monoclonal Antibody at dilution of 1:50000.

Rev. V2.3

Preparation & Storage

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping The product is shipped with ice pack, upon receipt, store it immediately at the

temperature recommended.

For Research Use Only

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Background

The green fluorescent protein (GFP) is a protein that exhibits bright green fluorescence when exposed to light in the blue to ultraviolet range. It is first isolated from the jellyfish Aequorea victoria and is frequently used as a reporter of expression. GFP is widely used in gene expression, tracing and protein subcellual localization.

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