

GFP Monoclonal Antibody

catalog number: **E-AB-48043**

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

Description

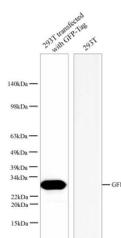
Reactivity	All
Immunogen	Recombinant GFP protein expressed by E.coli
Host	Mouse
Isotype	IgG2a
Clone	2A7
Purification	Protein A/G Purification
Buffer	PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4

Applications

Recommended Dilution

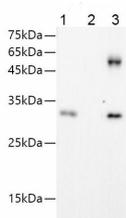
WB	1:1000-1:5000
IF	1:8000-1:16000
IP	3µg/sample

Data

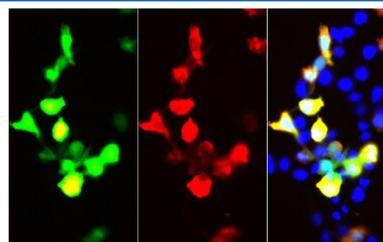


Western blot with Anti GFP Monoclonal Antibody at dilution of 1:3000. Lane 1:293T Ttransfected with GFP-Tag cell lysate,Lane 2:293T cell lysate.

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.

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.

Background

For Research Use Only

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 subcellular localization.