

# GFP Monoclonal Antibody

catalog number: E-AB-48043

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

## Description

<b>Reactivity</b>	All
<b>Immunogen</b>	Recombinant GFP protein expressed by E.coli
<b>Host</b>	Mouse
<b>Isotype</b>	IgG2a
<b>Clone</b>	2A7
<b>Purification</b>	Protein A/G Purification
<b>Conjugation</b>	Unconjugated
<b>buffer</b>	PBS with 0.05% proclin 300, 1% protective protein and 50% glycerol,pH7.4

## Applications

## Recommended Dilution

<b>WB</b>	1:100000-200000
<b>IF</b>	1:8000-16000
<b>IP</b>	3ug/sample

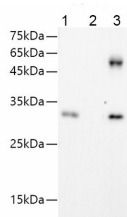
## Data



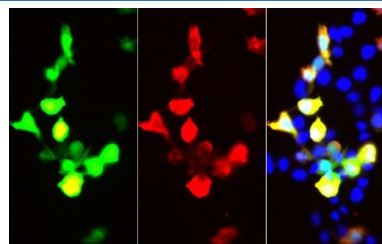
Western blot of GFP protein with anti-GFP at dilution of 1:50000, 1:100000, 200000. Lane 1:293F cells transfected with GFP-Tag fusion protein, lane 2: 293F cells transfected with GFP-Tag fusion protein, Lane 3:293F cells transfected with GFP-Tag fusion protein

**Observed-MV:32 kDa**

**Calculated-MV: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

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	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 subcellular localization.

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