

## GFP Monoclonal Antibody

catalog number: **E-AB-48010**

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

### Description

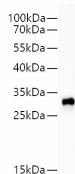
<b>Reactivity</b>	All
<b>Immunogen</b>	Recombinant GFP protein expressed by E.coli
<b>Host</b>	Mouse
<b>Isotype</b>	IgG2a
<b>Clone</b>	5B5
<b>Purification</b>	Protein A/G Purification
<b>Buffer</b>	Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the stabilizer prior to labeling.

### Applications

### Recommended Dilution

<b>WB</b>	1:100000-200000
<b>IP</b>	3µg/sample
<b>IF</b>	1:8000-16000
<b>FCM</b>	0.2µg

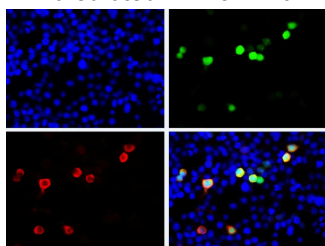
### Data



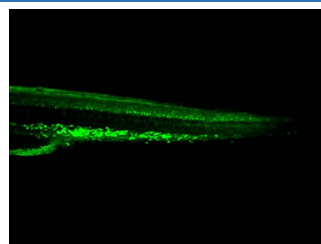
Western blot of eGFP protein with anti-eGFP at dilution of 1:80000.

**Observed-MW:32 kDa**

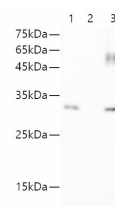
**Calculated-MW:32 kDa**



Immunofluorescent analysis of 293F cells transfected with the FLAG-GFP, using anti-GFP-Tag Monoclonal Antibody at dilution of 1:8000.



Immunohistochemical analysis of transgenic zebrafish embryo with anti-GFP antibody at dilution of 1:800.



IP Result of 293 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

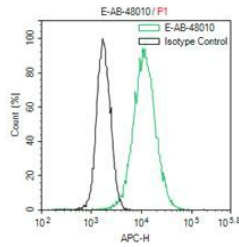
### For Research Use Only

Toll-free: 1-888-852-8623  
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Rev. V2.6



1x10<sup>6</sup> CHO cells Transfected with a GFP plasmid were stained with 0.2ug Anti-GFP tag mAb(E-AB-48010) and AF647 conjugated Goat Anti-mouse IgG (H+L); Isotype Control stained with 0.2ug mouse IgG and AF647 conjugated Goat Anti-mouse IgG (H+L)

## 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

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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