

GFP Monoclonal Antibody

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

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

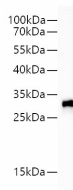
Description

Reactivity	All
Immunogen	Recombinant GFP protein expressed by E.coli
Host	Mouse
Isotype	IgG2a
Clone	5B5
Purification	Protein A/G Purification
Buffer	PBS, pH 7.2. Contains 0.05% Proclin300.

Applications

Applications	Recommended Dilution
WB	1:100000-200000
IP	3µg/sample
IF	1:8000-16000
FCM	0.2µg

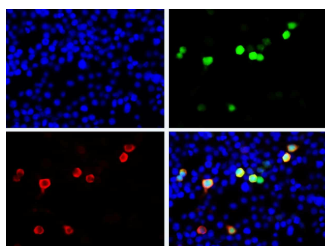
Data



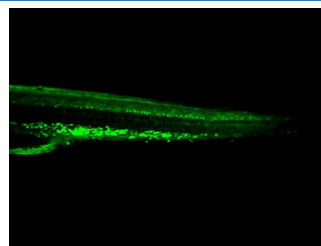
Western blot of eGFP protein with anti-eGFP at dilution of 1:80000.

Observed-MW:32 kDa

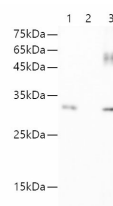
Calculated-MW:32 kDa



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

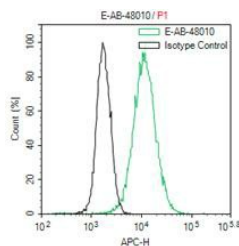


Immunohistochemical analysis of transgenic zebrafish embryo with anti-GFP antibody at dilution of 1:800.



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

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1x10⁶ 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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