GFP Monoclonal Antibody

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

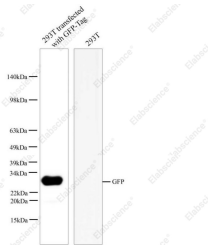
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

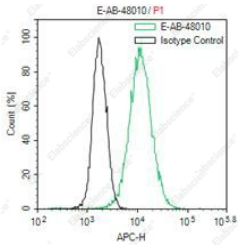
Reactivity	All
Immunogen	Recombinant GFP protein expressed by E.coli
Host	Mouse
Isotype	Mouse IgG2a
Clone	5B5
Purification	Protein A/G Purification
Conjugation	Unconjugated
Buffer	Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the stabilizer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

Applications	Recommended Dilution
WB	1:3000-1:10000
IP	3μg/sample
IF	1:8000-16000
FCM	0.2μg

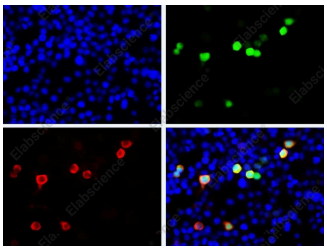
Data



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



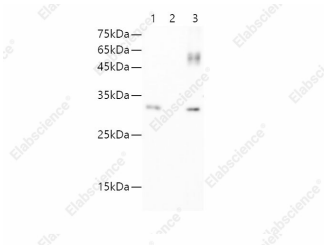
1x10^6 CHO cells Transfected with a GFP plasmid were stained with 0.2ug Anti-GFP tag mAb(E-AB-48010) and AF647 conjugated Goat Anti-mouse IgG (H+L);Isotype Control stained with 0.2ug mouse IgG and AF647 conjugated Goat Anti-mouse IgG (H+L)



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

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 subcellualr localization.