

Mouse anti-All GFP Monoclonal Antibody | anti-GFP antibody

GFP Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA178662	Mouse	All	Flow Cytometry, Functional Assay, Immunoprecipitation, Immunofluorescence, Western Blot

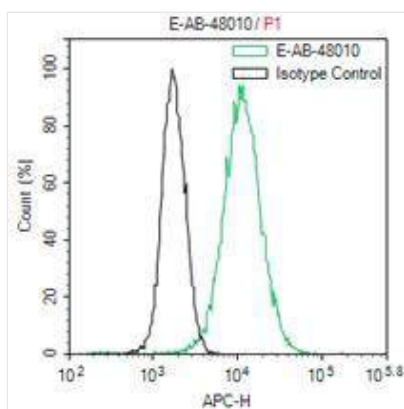
PRODUCT SYNONYMS

GFP; Monoclonal Antibody; GFP Monoclonal Antibody; Green fluorescent protein; anti-GFP antibody

PRODUCT SPECIFICATIONS

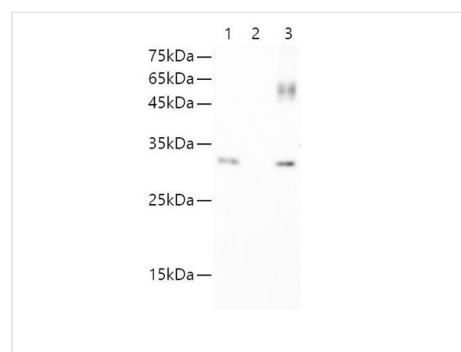
Host	Mouse
Reactivity	All
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	5B5
Purity/Purification	Protein A/G Purified
Form/Format	PBS with 0.02% sodium azide, 50% glycerol,pH 7.4
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-GFP antibody	FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant GFP protein expressed by E coli
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



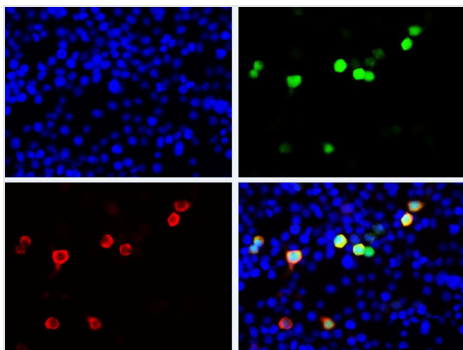
Application Data

1x10⁶ CHO cells Transfected with a GFP plasmid were stained with 0.2ug Anti-GFP tag mAb(AAA178662) 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)



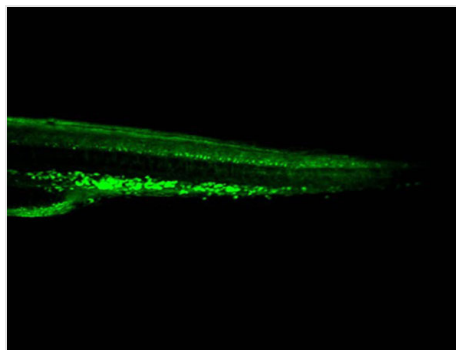
IP (Immunoprecipitation)

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



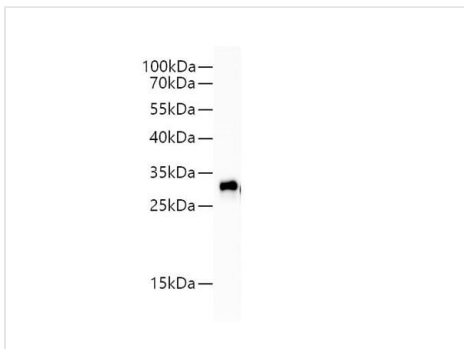
IF (Immunofluorescence)

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



IHC (Immunohistochemistry)

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



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-GFP antibody	The green fluorescent protein (GFP) is protein that exhibits bright green fluorescence when exposed to light in the blue to ultraviolet range. It is first isolated from the jellyfish <i>Aequorea victoria</i> and is frequently used as a reporter of expression. GFP is widely used in gene expression, tracing and protein subcellular localization.
Product Categories/Family for anti-GFP antibody	Antibodies ; Primary Antibodies ; Tags and Controls Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	1169893
UniProt Accession #	P42212 ; Q17104 ; Q27903 ; Q93125
NCBI Official Full Name	Green fluorescent protein
UniProt Protein Name	Green fluorescent protein
UniProt Gene Name	GFP
UniProt Entry Name	GFP_AEQVI

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/gfp-antibody-clone-5b5-flow-cytometry-immunoprecipitation-immunofluorescence-western-blot-elisa/178662>