

Mouse GFP Monoclonal Antibody | anti-GFP antibody

Mouse Anti-GFP monoclonal Antibody

CATALOG # AAA18855	HOST Mouse	APPLICATIONS ELISA, Western Blot, Immunoprecipitation
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PRODUCT SYNONYMS

GFP; Monoclonal Antibody; Mouse Anti-GFP monoclonal Antibody; CFP; eGFP; eYFP; GFP tag; YFP; anti-GFP antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	10B4E3
Purity/Purification	>95%, Protein G Purified
Form/Format	Liquid Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Applicable Applications for anti-GFP antibody	ELISA, WB (Western Blot), IP (Immunoprecipitation)
Application Notes	WB:1:500-1:5000 IP:1:200-1:2000
Immunogen	Recombinant GFP Protein
Product Type	Tag Control Antibody
Preparation and Storage	Upon receipt, store at -20 degrees C or -80 degrees C. Avoid repeated freeze.

IMAGES



IP (Immunoprecipitation)

IP: Result of anti-GFP-tag Monoclonal antibody
Line 1: Control IgG
Line 2: Precipitate of GFP-tagged fusion protein
Line 3: GFP Transfected HEK-293 cells lysate
Secondary: Goat polyclonal to Mouse IgG at 1/5000 dilution
Predicted band size: 30kd
Observed band size: 30kd



WB (Western Blot)

WB: Mouse Anti-GFP monoclonal antibody at 0.1ug/ml
Line 1: HEK-293 cell lysate
Line 2: GFP transfected HEK-293 cell lysate
Secondary: Goat polyclonal to Mouse IgG at 1/5000 dilution
Predicted band size: 30kd
Observed band size: 30kd

ADDITIONAL INFORMATION

Related Product Information for anti-GFP antibody	The green fluorescent protein (GFP) is a protein that exhibit bright green fluorescence when exposed to blue light. The protein is in the shape of a cylinder, comprising 11 strands of beta-sheet with an alpha-helix inside and short helical segments on the ends of the cylinder. Inward-facing sidechains of the barrel induce specific cyclization reactions in the tripeptide Ser65-Tyr66-Gly67 that lead to chromophore formation. Its amazing ability to generate a highly visible, efficiently emitting internal fluorophore is both intrinsically fascinating and tremendously valuable. The green-fluorescent protein (GFP) of the jellyfish Aequorea victoria has always been used as a universal reporter in a broad range of heterologous living cells and organisms. GFP has become well established as a marker of gene expression and protein targeting in intact cells and organisms.
Product Categories/Family for anti-GFP antibody	Tag/Control Antibody

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-10b4e3-western-blot-immunoprecipitation-elisa/18855>