

Mouse GFP Monoclonal Antibody | anti-GFP antibody

GFP antibody

CATALOG # AAA74462	HOST Mouse	APPLICATIONS Immunoprecipitation, Dot Blot, Western Blot, ELISA
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PRODUCT SYNONYMS

GFP; Monoclonal Antibody; GFP antibody; Monoclonal GFP; Anti-GFP; GFP conjugate; Green Fluorescent Protein; anti-GFP antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG
Clone Number	215
Form/Format	Sterile filtered liquid in 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, with 0.01% Sodium Azide.
Concentration	1.0mg/ml by UV absorbance at 280nm (varies by lot)
Sequence Length	227
Applicable Applications for anti-GFP antibody	IP (Immunoprecipitation), DB (Dot Blot), WB (Western Blot), ELISA
Immunogen	Recombinant Green Fluorescent Protein (GFP) fusion protein corresponding to the full length amino acid sequence (246 aa) derived from the jellyfish Aequorea victoria.
Cross Reactivity	Assay by Immunoelectrophoresis resulted in a single precipitin arc against anti-Mouse Serum. Reactivity is observed against recombinant Green Fluorescent Protein from Aequorea victoria by both Western blot and ELISA. No reaction is seen against RFP.
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Ships on dry ice. Upon receipt store at -20°C. Avoid repeat freeze/thaw cycles

IMAGES



WB (Western Blot)

Western Blot of GFP antibody. Lane 1: 64pg of recombinant GFP protein were spiked into a HeLa cell-derived lysates. Lane 2: 32pg of recombinant GFP protein were spiked into a HeLa cell-derived lysates. Lane 3: 16pg of recombinant GFP protein were spiked into a HeLa cell-derived lysates. Lane 4: 8pg of recombinant GFP protein were spiked into a HeLa cell-derived lysates. Lane 5: 4pg of recombinant GFP protein were spiked into a HeLa cell-derived lysates. Lane 6: 2pg of recombinant GFP protein were spiked into a HeLa cell-derived lysates. Lane 7: 1g of recombinant GFP protein were spiked into a HeLa cell-derived lysates. Lane 8: 0pg of recombinant GFP protein were spiked into a HeLa cell-derived lysates. anti-GFP monoclonal antibody at 1:400 for overnight at 4 deg C. HRP-conjugated anti-Mouse IgG was performed at a dilution of 1:20,000 for 1h at 4 deg C. Block: TTBS supplemented with 1% BSA for 1 h at 4 deg C. Size: 27 kDa for GFP..



WB (Western Blot)

Western Blot of GFP antibody. Lane 1: Molecular Weight Markers. Lane 2: GFP. Load: 10ng per lane. Ms Anti-GFP antibody at 1:1000 for overnight at 4 deg C. Mouse HRP secondary antibody at 1:40,000 for 30 min at RT. Block: 5% Blocking buffer overnight at 4 deg C. Size: 27 kDa, 27 kDa for epitope tag GFP..



WB (Western Blot)

Western Blot of GFP antibody. Lane 1: HeLa lysate 50 ng. Lane 2: HeLa lysate 100 ng. Lane 3: HeLa lysate 500 ng. GFP antibody at 1.0 mg/ml for 1 h at room temperature. IRDye800 conjugated Goat-a-Mouse IgG [H&L] at 1:2,500 dilution for 45 min at RT. Block: 5% Blocking buffer overnight at 4 deg C. Size: 27 kDa, 27 kDa for epitope tag GFP..

NCBI AND UNIPROT INFORMATION

NCBI GI #	28883209
NCBI Official Full Name	green fluorescent protein

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-215-immunoprecipitation-dot-blot-western-blot-elisa/74462>