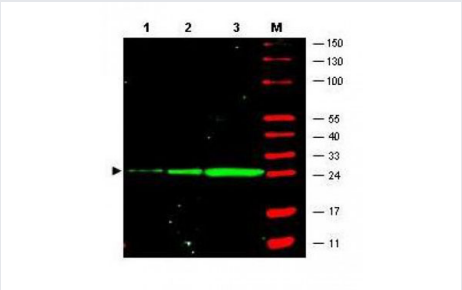
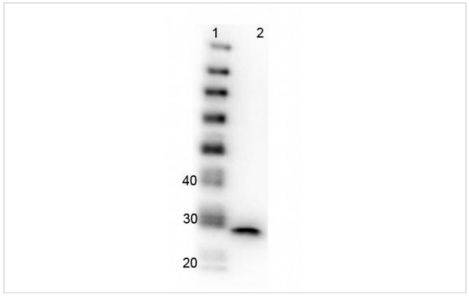
GFP Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

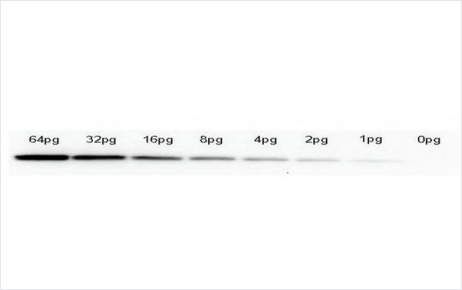
Product Name	GFP, Monoclonal Antibody
Full Product Name	GFP antibody
Product Gene Name	anti-GFP antibody
Product Synonym Names	Monoclonal GFP; Anti-GFP; GFP conjugate; Green Fluorescent Protein
Clonality	Monoclonal
Isotype	IgG
Clone Number	215
Host	Mouse
Form/Format	Sterile filtered liquid in 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, with 0.01% Sodium Azide.
Concentration	1.0mg/ml by UV absorbance at 280nm (lot specific)
Preparation and Storage	Ships on dry ice. Upon receipt store at -20°C. Avoid repeat freeze/thaw cycles
Immunogen	Recombinant Green Fluorescent Protein (GFP) fusion protein corresponding to the full length amino acid sequence (246 aa) derived from the jellyfish Aequorea victoria.
Dry Ice Shipment	Extra charge fee may add to your shipping cost as dry ice is required to ship this product.
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.
Applications Tested/Suitable for anti-GFP antibody	ELISA (EIA), Western Blot (WB), Dot Blot, Immunoprecipitation (IP)
Application Notes for anti-GFP antibody	ELISA: 1:200,000 IHC: 1:1,000-1:5,000 WB: 1:3,000-1:30,000
Related Product Information for anti-GFP antibody	MBS531060 is an antibody targeting GFP. Also known as GFP antibody. Host: Mouse.
Other Notes	Small volumes of anti-GFP antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-GFP antibody
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..



Western Blot (WB) of anti-GFP antibody
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..



Western Blot (WB) of anti-GFP antibody
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..

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GFP. It may not necessarily be applicable to this product.

NCBI GI #	28883209
NCBI Accession #	AAO43180.1
NCBI Official Full Name	green fluorescent protein
Protein Family	Green fluorescent protein
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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