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CEDARLANE® 
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Purified Anti-GFP/CFP/YFP Tag Monoclonal Antibody

CLH106AP

DESCRIPTION: Cedarlane's purified Anti-GFP/CFP/YFP Tag monoclonal antibody recognizes GFP/CFP/YFP -tagged recombinant proteins or GFP/CFP/YFP -tagged proteins over-expressed in cells. It also recognizes EGFP and EYFP.

APPLICATIONS/WORKING DILUTIONS: WB (1:1000), ELISA, Dot Blot, IPP, Immunostaining.

PRESENTATION: 100 µg in 100 µl PBS (1 mg/ml), pH 7.4 with 0.05 % sodium azide.

STORAGE: Store at 4°C. For long term storage aliquot and freeze unused portion at -20°C in volumes appropriate for single usage. Avoid freeze/thaw cycles.

SPECIFICATIONS:

Clone: 1218

Immunogen: GFP (green fluorescent protein) from the jellyfish Aequorea victoria N-Terminal peptide-KLH conjugates

Specificity: Recognizes native and denatured forms of GFP and its variants EGFP, YFP, EYFP, and CFP

Isotype: Mouse IgG1

Continued Overleaf.....

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STAINING:

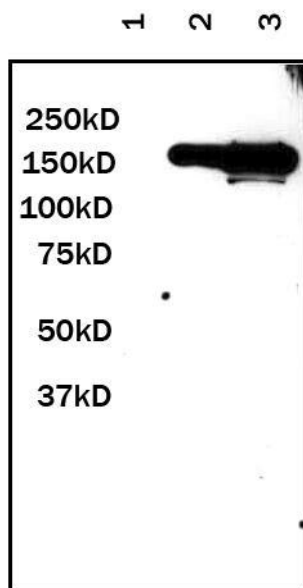


Figure 1. 10µg lysate from GFP fusion protein positive 293 cells.
Lane 1: negative control
Lane 2: 1µg Anti-GFP Antibody
Lane 3: 10µg Anti-GFP Antibody



Figure 2. Cos7 cells transiently transfected with GFP tagged BID ORF cDNA clone for mitochondria marking were immuno-stained with anti-GFP antibody (1:100), and then stained red with an Alexa-568 conjugated secondary antibody (1:1000).

REFERENCES:

1. Chalfie M, Tu Y, Euskirchen G, Ward WW, Prasher DC. Green fluorescent protein as a marker for gene expression. *Science*. 1994 Feb 11; 263(5148): 802-5.
2. De Giorgi F, Brini M, Bastianutto C, Marsault R, Montero M, Pizzo P, Rossi R, Rizzuto R. Targeting aequorin and green fluorescent protein to intracellular organelles. *Gene*. 1996; 173:113-7.

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