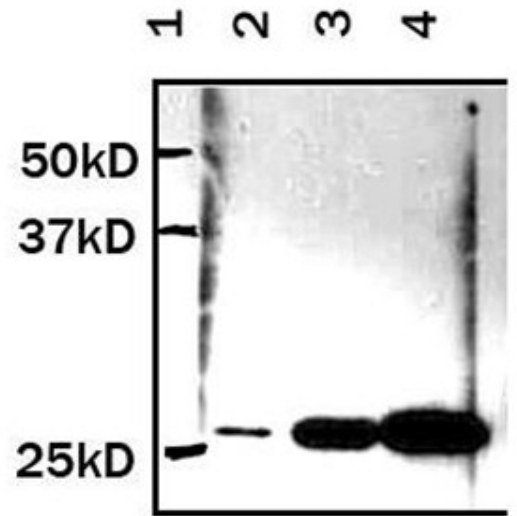


**AM20839PU-N****Monoclonal Antibody to GFP - Aff - Purified**

<b>Alternate names:</b>	Yellow Fluorescent Protein
<b>Quantity:</b>	0.1 mg
<b>Concentration:</b>	1.0 mg/ml
<b>Background:</b>	<p>The green fluorescent protein (GFP) was originally identified as a protein involved in the bioluminescence of the jellyfish <i>Aequorea victoria</i>. GFP cDNA produces a fluorescent product when expressed in prokaryotic cells, without the need for exogenous substrates or cofactors, making GFP a useful tool for monitoring gene expression and protein localization in vivo. Several GFP mutants have been developed, including EGFP, which fluoresce more intensely than the wild type GFP and have shifted excitation maxima, making them useful for FACS and fluorescence microscopy as well as double-labeling applications. GFP is widely used in expression vectors as a fusion protein tag, allowing expression and monitoring of heterologous proteins fused to GFP.</p>
<b>Host / Isotype:</b>	Mouse / IgG1
<b>Clone:</b>	GFP. C2
<b>Immunogen:</b>	GFP from the jellyfish <i>Aequorea Victoria</i> N-terminal peptide-KLH conjugates.
<b>Format:</b>	<b>State:</b> Liquid purified Ig fraction <b>Buffer System:</b> 10mM PBS, PH 7.2 with 0.09% Sodium Azide as preservative
<b>Applications:</b>	<b>ELISA.</b> <b>Western Blot (ECL):</b> 1/1000 for 1 hour at RT. <b>Dot Blot.</b> <b>Immunoprecipitation.</b> Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	Recognizes native and denatured forms of GFP and its variants EGFP, YFP,EYFP, and CFP. <b>Sensitivity:</b> 1-10 ng of purified GFP or GFP fusion proteins (Western blot developed with ECL).
<b>Storage:</b>	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

**Pictures:**

Antibody working Cont: 1/1000 from 1 mg/ ml stock Cont.



Lane 1: Negative Control. Lane 2: 1 µg GFP Fusion Protein Lysate. Lane 3: 10 µg GFP Fusion Protein Lysate.

