

Product Datasheet

Anti-GFP Rabbit pAb



WL03189

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-GFP Rabbit pAb	
Source	Rabbit	
Species reactivity	Species independent	
Tested applications	WB	1:500-1:1000
Pack size	50/100/200/500/1000µl	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

Background

The green fluorescent protein (GFP) was originally identified as a protein involved in the bioluminescence of the jellyfish *Aequorea victoria*. 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 wildtype GFP and have shifted excitation maxima, making them useful for FACS and fluorescence microscopy as well as double-labeling applications. GFP has become a very useful tool as a fusion protein that reports gene expression, traces cell lineages and defines subcellular protein localizations.

Immunogen

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of GFP.

Purification

Polyclonal antibody was purified by immunogen affinity chromatography.

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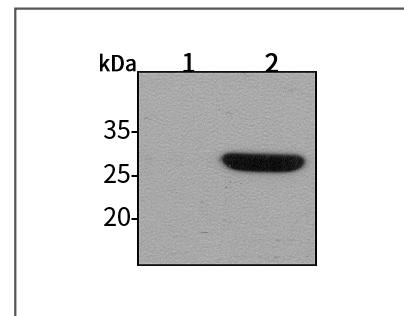
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Product Images



Western blot-Anti-GFP pAb

Lane 1: Human HepG2 cell lysate
Lane 2: Human HepG2 cell (transfection with GFP plasmid) lysate
All lanes: Anti-GFP at 1:1000 dilution
Lysates/proteins at 20-50 µg per lane.
Predicted band size: 27 kDa
Observed band size: 27 kDa