



BioBharati LifeScience Pvt. Ltd.

Developing Best Products for Quality Research of National Significance

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Product Name	Cat. No.	Pack Size
Anti-GFP Antibody	# BB-AB0065	80 µg (80 µl)

Product type: Primary Antibody

Clonality: Polyclonal

Source: Rabbit

Immunogen: Green-fluorescent protein (GFP).

Description: The green-fluorescent protein (GFP) (27 KDa) functions as a bioluminescence energy transfer acceptor in the jellyfish *Aequorea* that maximally absorbs light at 395 nm and has an emission spectrum that peaks at 509 nm. Anti-GFP antibody is the tool for detection of GFP-tag proteins by different immunological techniques. This antibody is produced in rabbit by repeated injections of Immunogen.

Purification: Purified against protein affinity chromatography.

Specificity: Anti-GFP polyclonal antibody detects GFP-fused recombinant proteins expressed in eukaryotic and prokaryotic cells.

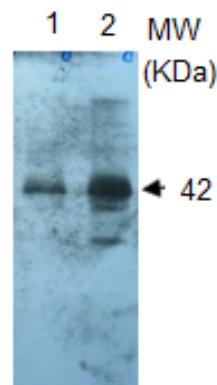
Recommended Dilutions:

Western Blotting 1:10,000

ELISA 1:2,000

Storage buffer: Tris Buffer pH 7.4, containing 50% Glycerol without azide.

Storage instructions: Store at -20°C (Recommended).



*Western blot analysis of recombinant GFP-tag pure proteins, 42 KDa, (lane 1) and bacterial cell extract (lane 2) expressing it, using Anti-GFP polyclonal antibody.

*N. B. (Membrane blocking): One hr at RT in 5% (w/v) non-fat milk; (Primary Ab): Overnight at 4°C in 1% non-fat milk; (Secondary Ab): One hr at RT in 1% non-fat milk. All incubations and washings are in 1X TBS, 0.1% Tween-20.

Exp. Date: 18 months upon receiving at proper storage condition as mentioned in datasheet.