

## Product datasheet for **AP54983SU-N**

### GFP Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IF, IHC, WB
Recommended Dilution:	<b>ELISA.</b> <b>Immunofluorescence:</b> 1/200-1/2000. <b>Western Blot:</b> 1/1000-1/10000. <b>Immunohistochemistry on frozen tissue:</b> 1/200.
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Recombinant GFP
Specificity:	This antibody reacts with GFP and GFP fusion proteins.
Formulation:	State: Serum State: Lyophilized serum Preservative: None
Reconstitution Method:	Restore in distilled water to original volume.
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Database Link:	<a href="#">P42212</a>
Background:	GFP is responsible for bioluminescence in the jellyfish <i>Aequorea victoria</i> . This protein has quickly become a powerful research tool for assessing gene expression and subcellular protein distribution in fixed or living cells. GFP is excited by and brightly fluoresces when exposed to UV or blue light. This feature makes it ideal as a marker for use in fluorescence microscopy, cytometry, tagging fusion proteins, and assaying transcriptional regulation from gene promoters in vivo. Numerous GFP variants with enhanced and shifted emission spectra (blue, green, and yellow) have been developed through amino acid substitutions at specific residues.



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Synonyms: Green fluorescent protein, GFP-Tag

**Product images:**

