

## Product Datasheet

### GFP - Green fluorescent protein (VENUS) GRP13168

<b>Species/Host</b>	Rabbit
<b>Tested Applications</b>	WB
<b>Immunogen</b>	Full length, recombinat VENUS protein, expressed in E.coli, UniProt: P42212
<b>Form/Appearance</b>	LyophilizedLiquid
<b>Storage</b>	Lyophilized antibody can be stored at -20°C for up to 3 years. Once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tubes.
<b>Note</b>	For research use only.
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Affinity purified serum, in PBS pH 7.4
<b>MW</b>	26 kDa
<b>Uniprot ID</b>	P42212
<b>Dilution Range</b>	1 : 1000 (WB)
<b>Application Notes</b>	Background: Green fluorescent protein (Venus) from Aequorea victoria (Jellyfish), can be mutated to emit at different wavelengths such as blue for BFP (when Tyr-66 is replaced by His), cyan for CFP (when Tyr-66 is replaced by Trp), and yellow for YFP (when THR-203 is replaced by Tyr). It is an energy-transfer acceptor. Its role is to transduce the blue chemiluminescence of the protein aequorin into green fluorescent light by energy transfer. Reconstitution: For reconstitution add 50 µl, of sterile water.

