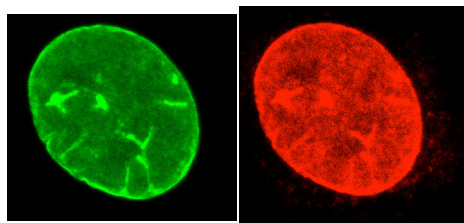


Product no **AS15 3000****GFP | Green Fluorescence Protein (protein A purified)****Product information**

<b>Immunogen</b>	highly purified native GFP protein derived from <i>Aequorea victoria</i> , UniProt: <a href="#">P42212</a>
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Total IgG. Protein A purified.
<b>Format</b>	Liquid
<b>Quantity</b>	100 µg at 1 mg/ml
<b>Storage</b>	Store lyophilized/reconstituted at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the tube.

**Application information**

<b>Recommended dilution</b>	1 : 5000-1 : 25 000 (ELISA), 1 : 2000-1 : 10 000 (WB)
<b>Confirmed reactivity</b>	Native GFP, Recombinant GFP ( <i>E.coli</i> ), all variants of GFP and EGFP
<b>Additional information</b>	Minimal cross-reactivity with <i>E.coli</i> proteins
<b>Selected references</b>	<a href="#">Wieczorek et al. (2020)</a> Development of a New Tomato Torrado Virus-Based Vector Tagged with GFP for Monitoring Virus Movement in Plants. <i>Viruses</i> . 2020 Oct 20;12(10):1195. doi: 10.3390/v12101195. PMID: 33092281; PMCID: PMC7588970.

**Application example**

EGFP-tagged nuclear lamins (in green), detected in the same cell by anti-GFP | Green Fluorescence Protein antibodies (in red; dilution 1:500).

Mouse fibroblasts were transfected with an EGFP-Lamin A hybrid construct and indirectly immunostained using anti-GFP | Green Fluorescence Protein as the primary antibody. Fixation and permeabilization was performed with 4% buffered formaldehyde for 10 min. at room temperature and treatment with 0.1% Triton X-100 for 10 min., respectively.