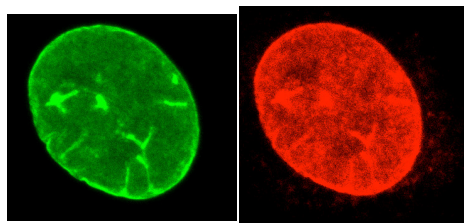


Product no **AS15 3000****GFP | Green Fluorescence Protein (protein A purified)****Product information**

Immunogen	highly purified native GFP protein derived from <i>Aequorea victoria</i> , UniProt: P42212
Host	Rabbit
Clonality	Polyclonal
Purity	Total IgG. Protein A purified.
Format	Liquid
Quantity	100 µg at 1 mg/ml
Storage	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

Recommended dilution	1 : 5000-1 : 25 000 (ELISA), 1 : 2000-1 : 10 000 (WB)
Confirmed reactivity	Native GFP, Recombinant GFP (<i>E.coli</i>), all variants of GFP and EGFP
Additional information	Minimal cross-reactivity with <i>E.coli</i> proteins
Selected references	Wieczorek et al. (2020) 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.