

## Anti-Green Fluorescent Protein Tag (Chicken Polyclonal)

<b>Catalogue No.:</b>	C-1322-100
<b>Description:</b>	GFP is a 27 kDa protein that emits a green fluorescence when excited by blue light.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 ug
<b>Antigen:</b>	Green Fluorescent Protein (GFP) fusion protein corresponding to the full length amino acid sequence (246aa) derived from the jellyfish <i>Aequorea victoria</i> .
<b>Antigen Length:</b>	246 aa
<b>Isotype:</b>	IgY
<b>Other Names:</b>	GFP;
<b>Accession:</b>	P42212 GFP_AEQVI;
<b>Produced in:</b>	Chicken
<b>Applications:</b>	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP). Suggested starting dilution for WB of 1:5,000. For IHC-P, suggested dilution of 1:500 - 1:1000. Heat mediated antigen retrieval is recommended. For IHC-Fr, the suggested dilution is 1:1000. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
<b>Specificity:</b>	Recognizes GFP and its variants.
<b>Form:</b>	Liquid. PBS, pH 7.4 with 0.05% sodium azide. Concentration: 1mg/mL
<b>Storage:</b>	Stable for 1 year at -20degC from the date of shipment, unopened. For maximum recovery of product, centrifuge the original vial after thawing and prior to opening the cap. Aliquot to avoid repeated freezing and thawing.
<b>Expiry Date:</b>	12 months (unopened)
<b>Specific References:</b>	Rogers ML et al (2014) Non-viral gene therapy that targets motor neurons in vivo. <i>Front Mol Neurosci.</i> 2014 Oct 14;7:80.  Brzezinski et al (2010) Blimp1 controls photoreceptor versus bipolar cell fate choice during retinal development. <i>Development.</i> 2010 Feb;137(4):619-29.  Stevens H.E. et al (2010) Fgfr2 is required for the development of the medial prefrontal cortex and its connections with limbic circuits. <i>J Neurosci.</i> 2010 Apr 21;30(16):5590-602.  Lattanzi A. et al (2010) Widespread enzymatic correction of CNS tissues by a single intracerebral injection of therapeutic lentiviral vector in leukodystrophy mouse models. <i>Hum Mol Genet.</i> 2010 Jun 1;19(11):2208-27.  Häggglund M. et al (2010) Activation of groups of excitatory neurons in the mammalian spinal cord or hindbrain evokes locomotion.

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FOR RESEARCH USE ONLY

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Nat Neurosci. 2010 Feb;13(2):246-52.



Adult mouse spinal cord sections. Neurons in the lamina 1 of the spinal cord were genetically engineered to express GFP under control of the prostatic alkaline phosphatase (PAP) promoter. Sections were fixed with 4% paraformaldehyde and paraffin embedded. Anti-Green Fluorescent Protein Tag (Chicken Polyclonal) was used at a dilution of 1:500.

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