



## 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>	IgG
<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 -20C from the date of shipment. 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
<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.

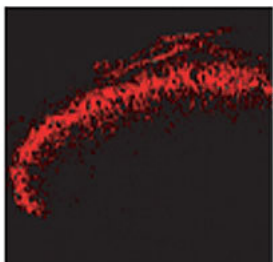
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FOR RESEARCH USE ONLY



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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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