

## GFP

Cat.No. 132 003; Polyclonal rabbit antibody, 50 µg specific antibody (lyophilized)

### Data Sheet

Reconstitution/Storage	50 µg specific antibody, lyophilized. Affinity purified with the immunogen. Albumin was added for stabilization. For <b>reconstitution</b> add 50 µl H <sub>2</sub> O to get a 1mg/ml solution in PBS. Then aliquot and store at -20°C until use.
Applications	<b>WB:</b> 1 : 1000 up to 1 : 20000 (AP staining) <b>IP:</b> yes <b>ICC:</b> 1 : 500 <b>IHC:</b> 1 : 500 <b>IHC-P/FFPE:</b> not tested yet
Immunogen	Recombinant protein corresponding to AA 1 to 238 from GFP (UniProt Id: P42212)
Specificity	Recognizes GFP, mEGFP, superfolder GFP, most common CFP and YFP variants. Does not cross-react to mCherry, mRFP, dsRed, mTagBFP or their most common derivatives.

### TO BE USED IN VITRO / FOR RESEARCH ONLY NOT TOXIC, NOT HAZARDOUS, NOT INFECTIOUS, NOT CONTAGIOUS

Green fluorescent protein **GFP** and its derivatives have become universal tools in cell biology. These antibodies allow immunoprecipitation and visualization of GFP fusion proteins on immunoblots and by immunocytochemistry.

### Selected References SYSY Antibodies

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Selective regulation of NR2B by protein phosphatase-1 for the control of the NMDA receptor in neuroprotection. Farinelli M, Heitz FD, Grewe BF, Tyagarajan SK, Helmchen F, Mansuy IM. PLoS one (2012) 73: e34047. . **IHC**

The short-time structural plasticity of dendritic spines is altered in a model of Rett syndrome. Landi S, Putignano E, Boggio EM, Giustetto M, Pizzorusso T, Ratto GM. Scientific reports (2011) 1: 45. . **IHC; tested species: mouse**

Protein kinase C activation promotes the internalization of the human cationic amino acid transporter hCAT-1. A new regulatory mechanism for hCAT-1 activity. Rotmann A, Strand D, Martiné U, Closs EI. The Journal of biological chemistry (2004) 27952: 54185-92. . **IP**