



GFP

Cat.No. 132 006; Polyclonal chicken antibody, 50 µg specific antibody (lyophilized)

Data Sheet

| | |
|-------------------------|---|
| Reconstitution/ Storage | 50 µg purified IgY, lyophilized. Ovalbumin was added for stabilization. For reconstitution add 50 µl H ₂ O to get a 1mg/ml solution in PBS. Then aliquot and store at -20°C until use. Before storing at -20°C add 1 vol of glycerol. |
| Applications | WB: not recommended IP: not tested yet ICC: 1 : 500 up to 1 : 1000 IHC: 1 : 500 IHC-P/FFPE: 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 derivates have become universal tools in cell biology. These antibodies allow immunoprecipitation and visualization of GFP fusion proteins on immunoblots and by immunocytochemistry.

Selected General References

Imaging into the future: visualizing gene expression and protein interactions with fluorescent proteins.
van Roessel P, Brand AH
Nature cell biology (2002) 4(1): E15-20.

Illuminating the secretory pathway: when do we need vesicles?
Stephens DJ, Pepperkok R
Journal of cell science (2001) 114(Pt 6): 1053-9.

Watching proteins in the wild: fluorescence methods to study protein dynamics in living cells.
Chamberlain C, Hahn KM
Traffic (Copenhagen, Denmark) (2000) 1(10): 755-62.