

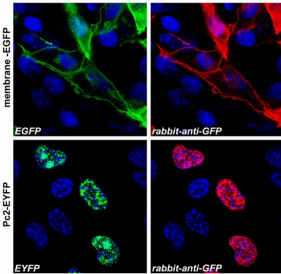
## Anti-GFP Antibody (A86774)

### Specifications:

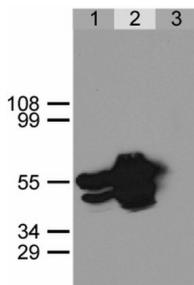
Name:	Anti-GFP Antibody
Description:	Rabbit polyclonal antibody to GFP.
Specificity:	This antibody recognizes GFP, EGFP, and EYFP fusion proteins in all species.
Applications:	IP, WB, ICC
Recommended Dilutions:	WB: 0.5-1.5 µg/ml, ICC: 1-3 µg/ml
Reactivity:	Species independent
Immunogen:	Native full-length EGFP protein.
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Conjugate:	Unconjugated
Purification:	Affinity chromatography.
Concentration:	1 mg/ml
Purity:	> 95% (by SDS-PAGE).
Product Form:	Liquid
Formulation:	Supplied in Phosphate Buffered Saline, pH 7.4, with 15 mM Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

## Anti-GFP Antibody (A86774)

### Images:



Confocal microscopy images of COS-7 cells transfected with expression constructs encoding membrane-tethered EGFP (membrane-EGFP; top) or nuclear Polycomb 2-EYFP fusion protein (Pc2-EYFP; bottom). The natural fluorescence of the produced proteins is shown in the green channel (left), Anti-GFP Antibody (A86774) signal was detected in the red channel (right). The system was carefully tested for overlap of these two optical channels and images were scanned separately in sequential scanning mode. The blue nuclear stain is also shown.



Immunoprecipitation of GFP-NLS from HEK293 cells using Anti-GFP Antibody (A86774). HEK293 cells were transfected with expression construct encoding GFP-NLS protein. Twenty hours post transfection cells were lysed in non-denaturing conditions (Lysis buffer: 20 mM Tris, pH 7.5, 100 mM NaCl, 0.5% Triton X-100, inhibitors of proteases). Aliquots of cell lysate were immunoprecipitated using a Anti-GFP Antibody (Lane 2) or a pre-immune rabbit serum (Lane 3). Immunoprecipitates together with a sample of the cell lysate (Lane 1) were separated on SDS-PAGE polyacrylamide gel and immunoblotted with Anti-GFP Antibody (A86774). The positions of molecular weight markers in kDa are indicated at the left.