

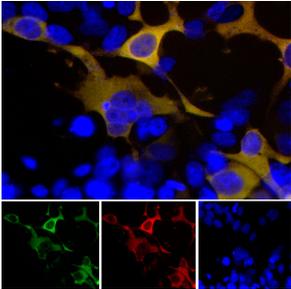
Anti-GFP Antibody (A85300)

Specifications:

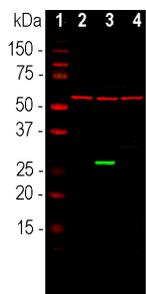
Name:	Anti-GFP Antibody
Description:	Chicken polyclonal antibody to GFP.
Applications:	WB, ICC/IF, IHC
Recommended Dilutions:	WB: 1:1,000-1:5,000, ICC/IF: 1:1,000-1:5,000, IHC: 1:1,000-1:5,000
Immunogen:	Recombinant Aequoria coerulea GFP protein, expressed in and purified from E. coli.
Sequence:	MVSKGAELFTGIVPILIELNGDVNGHKFSVSGEGEGDATYGKLTCLKFICTTGKLPVPPW PTLVTTLSYGVQCFSRYDPDHMKQHDFFKSAMPEGYIQERTIFFEDDGNYKSRAEVKFE GDTLVNRIELTGTDFKEDGNILGNKMEYNYNAHNVYIMTDKAKNGIKVNFKIRHNIED GSVQLADHYQQNTPIGDGPVLLPDNHYLSTQSALS KDPNEKRDHMIYFGFVTAAATH GMDELYK
Host:	Chicken
Clonality:	Polyclonal
Isotype:	IgY
Conjugate:	Unconjugated
Purification:	Immunogen affinity purification.
Concentration:	1 mg/ml
Molecular Weight:	27 kDa
Product Form:	Liquid
Formulation:	Supplied in Phosphate Buffered Saline with 50% Glycerol and 5mM Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
General Notes:	This antibody can be used to verify the expression, size, and stability of both AcGFP and eGFP fusion proteins in western blotting experiments, and to amplify GFP signals in tissues of transgenic animals.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

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Images:



Immunofluorescent analysis of transfected HEK293 cells with a GFP fusion protein construct, in green, and stained with Anti-GFP Antibody (A85300), dilution 1:1,000, in red. The blue is DAPI staining of nuclear DNA. The Anti-GFP Antibody (A85300) reveals GFP protein expressed only in transfected cells, and as a result these cells appear golden yellow in color. Top: merged image. Bottom: individual channels.



Western blot analysis of HEK293 cell lysates using Anti-GFP Antibody (A85300), dilution 1:1,000, in green. The lanes contain [1] protein standards, [2] non-transfected control cells, [3] cells transfected with a GFP construct and [4] cells transfected with an mCherry construct. The strong band at ~ 27 kDa corresponds to the GFP protein, which is detected only in cells transfected with the GFP construct. This antibody does not recognize the mCherry protein. The blot was simultaneously probed with Anti-Heat Shock Protein 60 Antibody (A85438), dilution 1:10,000, in red. The single band at 60 kDa represents HSP60 protein expressed in all preparations, and used as a loading control.