Product Data Sheet

Catalogue No.	Qty:
AB66550-100	250 µg

Anti-GFP, DyLight®550

Source: Goat

General description: Goat polyclonal antibody to GFP (green fluorescent protein) conjugated to DyLight® 550. GFP is a protein composed of 238 amino acid residues (26.9 kDa) that exhibits bright green fluorescence when exposed to blue light. In cell and molecular biology, the GFP protein is frequently used as a reporter of expression.

Alternative names: Green fluorescent protein antibody.

Form: Polyclonal antibody supplied as a 100 (2.5 mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide.

Immunogen: Purified recombinant peptide produced in E. coli.

Specificity: In 293HEK cells transfected with cds plasmid detects a band of 27 kDa by Western blot. This antibody does not recognize mCherry fluorescent protein.

Reactivity: Reacts with Transfected cells proteins

Sample	WB	IHC (F)	IHC (P)	IF	ELISA
Transfected cells	+++	+++	ND	+++	ND

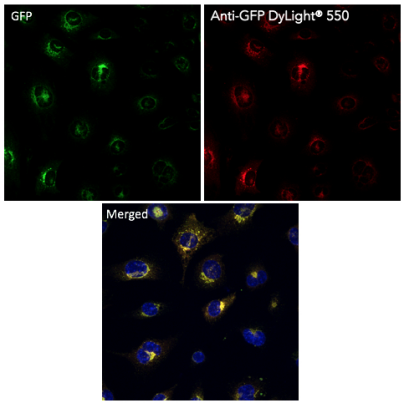
+++ excellent, ++ good, + poor, ND not determined

Usage:

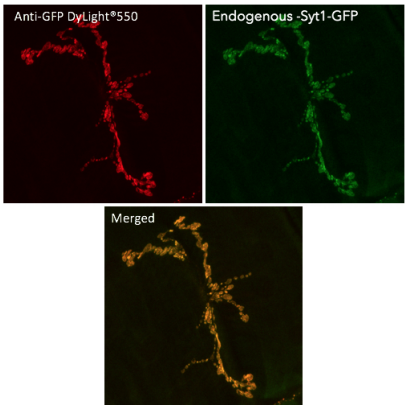
WB:	1:500-1:5,000
IHC (F):	1:50-1:1,000
IF:	1:50-1:1,000

Storage: Store at -20 C for long-term storage. Store at 2-8 C for up to one month.

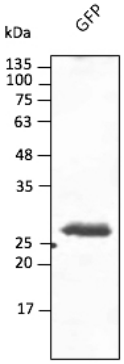
Special instructions: Avoid freeze/thaw cycles..



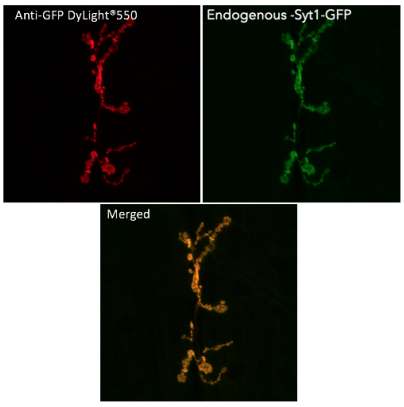
Immunofluorescence –anti-GFP Ab conjugated to DyLight® 550 using hCEC cells transduced with GFP-Rab1a; cells were fixed with methanol andanti-GFP at 1/250;



Immunofluorescence in Drosophila larvae NMJ syt1-GFP (syt1 is a synaptic protein) muscle 6/7 using anti-GFP conjugated to DyLight®550 at 1/500;



Anti-GFP Ab conjugated to DyLight® 550 at 1/2,500 dilution using HEK293 transfected cell lysates at 50 µg per lane;



Immunofluorescence in Drosophila larvae NMJ syt1-GFP (syt1 is a synaptic protein) muscle 6/7 using anti-GFP conjugated to DyLight®550 at 1/500;

For research use only, not for diagnostic use

SICGEN's Proprietary Immunogen Policy

In order to produce high specific antibodies SICGEN has invested a lot of time and effort into selecting immunogen sequences. SICGEN has decided to protect this information by not publishing it on the website. However, these sequences are available on request.