Catalogue No.

AB9066-200

Qty:

400 μg

Anti-GFP

Source: Goat

General description: Goat polyclonal antibody to GFP (green fluorescent protein). 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 200 μl (2 mg/ml) aliquot in NaHCO3 100 mM pH 9. This antibody is epitope-affinity purified from goat antiserum and does not contain preservatives.

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

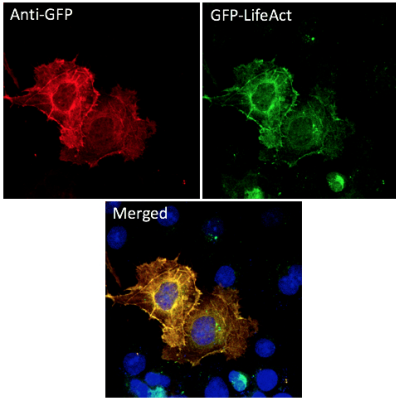| Sample	WB	IHC (F)	IHC (P)	IF	ELISA	IEM
Transfected cells	+++	+++	+++	+++	ND	+++

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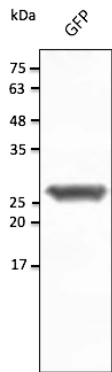
Usage:

WB: 1:500-1:5,000

IHC (F):   1:50-1:1,000

IHC (P):   1:50-1:1,000

IF: 1:50-1:1,000

IEM: 1:50-1:1,000

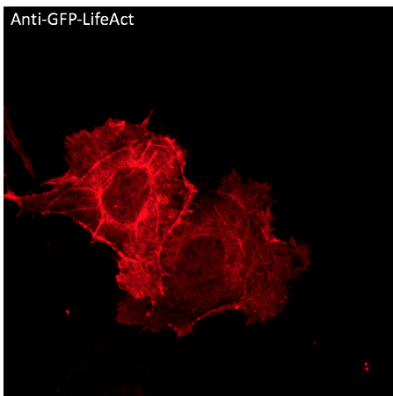**Storage:** Store at -20 C for long-term storage.

Special instructions: Avoid freeze/thaw cycles..

Immunofluorescence – anti-GFP Ab using COS7 cells transduced with GFP; cells were fixed with methanol and anti-GFP at 1/250;

Anti-GFP Ab at 1/2,500 dilution using HEK293 transfected cell lysates at 50 μg per lane; rabbit polyclonal to goat IgG (HRP) at 1/10,000 dilution;

Immunofluorescence – anti-GFP Ab using COS7 cells transduced with GFP; cells were fixed with methanol and anti-GFP at 1/250;

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.