

Catalogue No.

AB3718-100

Qty:

300 µg

Anti-BFP

Source: Goat

General description: Goat polyclonal antibody to BFP (Blue fluorescent protein). BFP is a basic (constitutively fluorescent), monomeric engineered derivative of green fluorescent protein (GFP) isolated from *Aequorea victoria*. BFP is a ~27 kDa protein that is optimally excited at a 381 nm and has a maximum of emission at 445 nm. It is used in research as a reporter to label and study the biology of the cell using a wide range of applications.

Alternative names: green fluorescent protein antibody.

Form: Polyclonal antibody supplied as a 100 µl (3 mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide. This antibody is epitope-affinity purified from goat antiserum.

Immunogen: Purified recombinant fluorescent protein 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 RFP (red fluorescent protein).

Reactivity: Reacts with Transfected cells proteins

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

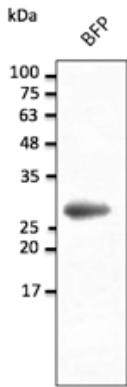
+++ excellent, ++ good, + poor, ND not determined

Usage:

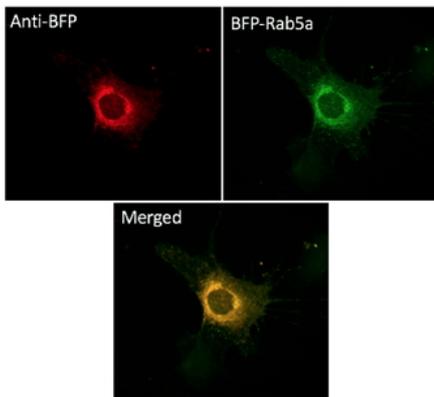
WB: 1:500-1:5,000
 IHC (F): 1:50-1:500
 IHC (P): 1:50-1:500
 IF: 1:50-1:500
 IEM: 1:50-1:500

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

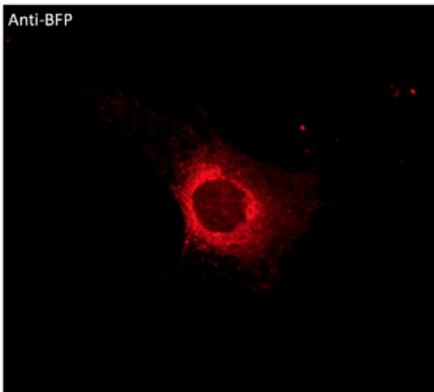
Special instructions: Avoid freeze/thaw cycles..



Anti-BFP 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-BFP Ab using NIH3T3 cells transduced with BFP-Rab5a; cells were fixed with methanol and anti-BFP at 1/100;



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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.