SICGEN ANTIBODIES

Product Data Sheet

Catalogue No.	Qty:
AB1166-100	300 µg

Anti-YFP

Source: Goat

General description: Goat polyclonal antibody to YFP (yellow fluorescent protein). YFP is a genetic mutant of green fluorescent protein (GFP), derived from Aequorea victoria. Its excitation/emission peaks are 514/527 nm respectively.

Alternative names: Yellow 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 peptide produced in E. coli.

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

Reactivity: Reacts with Transfected cells proteins

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

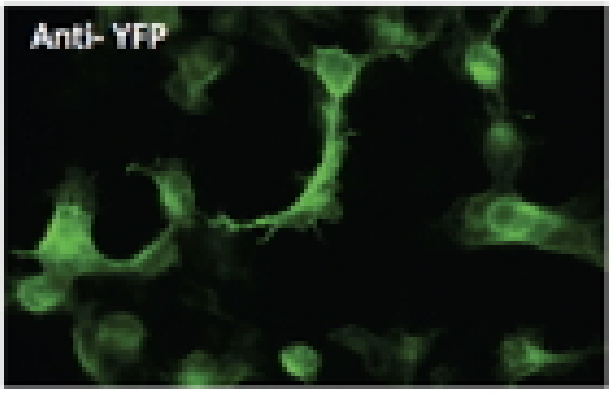
+++ excellent, ++ good, + poor, ND not determined

Usage:

WB:	1:500-1:2,000
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

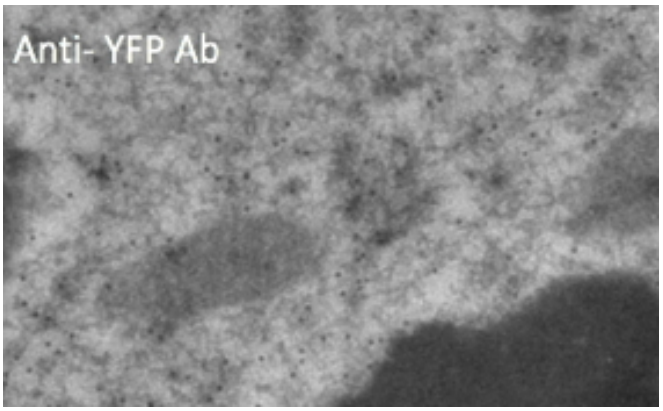
Storage: For continuous use, store at 2-8 C for one-two days. For extended storage, store in -20 C freezer. Working dilution samples should be discarded if not used within 12 hours.

Special instructions: The antibody solution should be gently mixed before use..

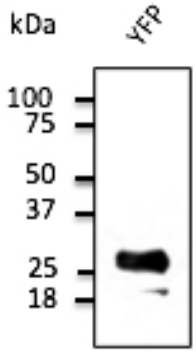




Immunofluorescence – anti-YFP Ab in 293HEK cells transfected with YFP at 1/50 dilution; cells were fixed with 4% of PFA;



Immunogold labeling of epithelium cells, in vivo injected with YFP expressing vector;



Anti-YFP Ab at 1/2,000 dilution; 293HEK cells transduced with YFP Ad; lysates at 50 µg per lane; rabbit polyclonal to goat IgG (HRP) at 1/10,000 dilution;

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.