

Catalogue No. AB0020-200

Qty: 400 µg (2 mg/ml)

GFP Polyclonal Antibody

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 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 does recognize YFP and CFP and does not recognize RFP and mCherry fluorescent proteins.

Reactivity:

Sample	Western blot	Immuno-fluorescence	Histochemistry (paraffin)	Histochemistry (frozen)
Transfected cells	+++	+++	+++	+++

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

Usage: Western blot 1:500-1:5,000
 Immunofluorescence 1:50-1:1,000
 Immunohistochemistry (paraffin) 1:50-1:1,000
 Immunohistochemistry (frozen) 1:50-1:1,000

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

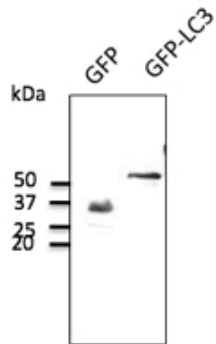
Special instructions: Avoid freeze/thaw cycles.

References:

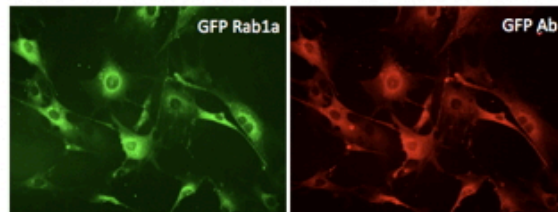
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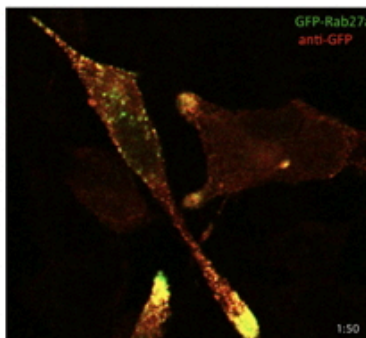
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Supplemental Information
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Anti-GFP Ab at 1/1,000 dilution; HEK293 transfected cell lysates at 50 µg per lane; rabbit polyclonal to goat IgG (HRP) at 1/10,000 dilution;



Primary fibroblasts transduced with Ad GFP-Rab1a and immunostained with with GFP Ab;



AtT-20 transfected with GFP-Rab27a and immunostained with with GFP Ab;

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.