

## Goat GFP Polyclonal Antibody | anti-GFP antibody

Anti-GFP, DyLight405

| CATALOG # | HOST | REACTIVITY                                   | APPLICATIONS                                           |
|-----------|------|----------------------------------------------|--------------------------------------------------------|
| AAA63246  | Goat | Transfected cells, Green Fluorescent Protein | Immunohistochemistry, Immunofluorescence, Western Blot |

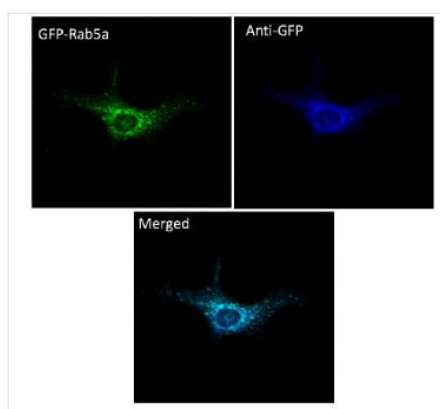
### PRODUCT SYNONYMS

GFP; Polyclonal Antibody; Anti-GFP; DyLight405; Green fluorescent protein antibody; anti-GFP antibody

### PRODUCT SPECIFICATIONS

|                                               |                                                                                                                                                     |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Goat                                                                                                                                                |
| Reactivity                                    | Transfected cells, Green Fluorescent Protein                                                                                                        |
| Clonality                                     | Polyclonal                                                                                                                                          |
| Isotype                                       | IgG                                                                                                                                                 |
| Specificity                                   | In 293HEK cells transfected with cds plasmid detects a band of 27kDa by Western blot. This antibody does not recognize mCherry fluorescent protein. |
| Purity/Purification                           | Epitope affinity purified                                                                                                                           |
| Form/Format                                   | Polyclonal antibody supplied as a 100 (2.5mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide.                                               |
| Concentration                                 | 2mg/ml (varies by lot)                                                                                                                              |
| Applicable Applications for anti-GFP antibody | IHC (Immunohistochemistry), IF (Immunofluorescence), WB (Western Blot)                                                                              |
| Conjugation                                   | DyLight405                                                                                                                                          |
| Immunogen                                     | Purified recombinant peptide produced in E Coli.                                                                                                    |
| Preparation and Storage                       | Store at -20 C for long-term storage. Store at 2-8 C for up to one month.                                                                           |

### IMAGES



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

Reactivity Data

#### IF (Immunofluorescence)

Immunofluorescence -anti-GFP Ab conjugated to DyLight 405 using COS-7 cells transfected with GFP-Rab5a; cells were fixed with methanol and Anti-GFP at 1/250;

ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                                                                                                                                                                          |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-GFP antibody | Goat polyclonal antibody to GFP (green fluorescent protein) conjugated to DyLight 405. GFP is a protein composed of 238 amino acid residues (26.9kDa) 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. |
| Product Categories/Family for anti-GFP antibody   | Primary                                                                                                                                                                                                                                                                                                                  |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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