SICGEN ANTIBODIES

# Product Data Sheet

| Catalogue No. | Qty: |
|---|---|
| AB081405-100 | 250 µg |

# Anti-RFP, DyLight®405

**Source:** Goat

**General description:** Goat polyclonal antibody to RFP (Red fluorescent protein) conjugated to DyLight® 405. RFP is derived from DsRed, an engineered red fluorescent protein from so-called disc corals of the genus Discosoma.

**Alternative names:** Cherry fluorescent protein; dsRed, red fluorescent protein, tdTomato antibody.

**Form:** Polyclonal antibody supplied as a 100 µl (2.5 mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide.

**Immunogen:** Purified recombinant RFP peptide produced in E. coli.

**Specificity:** In 293HEK cells transfected with cds plasmid detects a band of 29 kDa by Western blot. This antibody also recognizes very well tdTomato and does not cross-react to GFP (green fluorescent protein).

**Reactivity:** Reacts with Transfected cells proteins

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

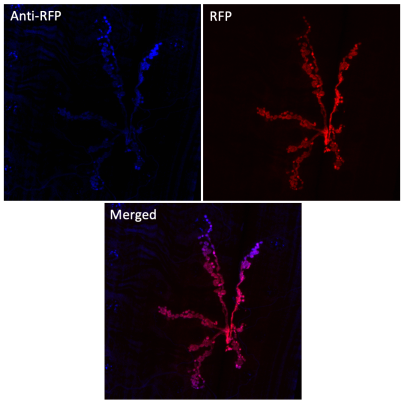
+++ excellent, ++ good, + poor, ND not determined

**Usage:**

| | |
|---|---|
| WB: | 1:500-1:5,000 |
| IHC (F): | 1:50-1:1,000 |
| IF: | 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..




Immunofluorescence in Drosophila larvae NMJ expressing RFP in neurons (DvglutRFP), muscle6/7 using anti-RFP conjugated to DyLight®405 at 1/500;

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.