

## Rabbit Anti-FITC, PE conjugated

**Cat. Number:** bs-0366R-PE

**Quantity size:** 100ul

**Concentration:** 1mg/ml Buffer = 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

**Background:** FITC (fluorescein isothiocyanate) is a fluorochrome dye that absorbs ultraviolet or blue light causing molecules to become excited and emit a visible yellow-green light. This emission ceases upon removal of the light causing the excitation. Fluorochrome labeling provides rapid, accurate localization of antigen-antibody interaction when one of the reactants is part of a cell, tissue or other biological structure. FITC is a commonly used marker for antibodies in immunofluorescent techniques since the conjugation of FITC to proteins is relatively easy and does not, in general, destroy the biological activity of the labeled protein. FITC is widely used as a hapten to label different proteins.

**Specificity:**

- Rabbit Polyclonal IgG, affinity purified by Protein A.
- Reacts with: FITC
- Immunogen: KLH conjugated R-PE

**Application:**

- Immunofluorescence: 1:100-1000
- Excitation spectrum: 488nm, 564nm
- Emission spectrum: 578nm
- Optimal working dilutions must be determined by the end user.
- Protect from light.

**Storage:** Shipped at 4°C, Store at -20°C (Avoid repeated freeze/thaw cycles).

**Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.