

## Rabbit Anti-FITC antibody

SL0366R

<b>Product Name</b>	FITC
<b>Chinese Name</b>	兔抗 FITC 抗体
<b>Alias</b>	fluorescein isothiocyanate; Fluorescein 5-isothiocyanate. 抗 FITC; 抗荧光素
<b>Product Type</b>	Small molecule anti
<b>Research Area</b>	immunology Drugs and Compounds
<b>Immunogen Species</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>React Species</b>	Species independent
<b>Applications</b>	ELISA=1:2000-10000 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Form</b>	Lyophilized or Liquid
<b>Concentration</b>	1mg/ml
<b>immunogen</b>	KLH conjugated FITC
<b>Isotype</b>	IgG
<b>Purification</b>	affinity purified by Protein A
<b>Buffer Solution</b>	Species independent 1M TBS(pH7.4) with 1% BSA, Species independent 3% Proclin300 and 50% Glycerol.
<b>Storage</b>	Storage: Store at -20 oC for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20oC. When reconstituted in sterile distilled water or diluent supplied, the antibody is stable for at least two weeks at 2-4 °C.
<b>Attention</b>	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
<b>PubMed</b>	<a href="#">PubMed</a>
<b>Product Detail</b>	Fluorescein is a fluorophore commonly used to label proteins - protein-fluorescein conjugates are not usually susceptible to precipitation. In addition to its relatively high absorptivity, excellent fluorescence quantum yield and good water solubility, fluorescein has an excitation maximum of 494



nm that closely matches the 488 nm spectral line of the argon-ion laser, making it an important fluorophore for confocal laser-scanning microscopy and flow cytometry applications. Its fluorescence is pH sensitive and is significantly reduced below pH 7. Fluorescein emits most strongly between 500 and 550 nm, but it has a relatively broad emission spectrum reaching to over 600 nm. Several derivatives of fluorescein are commonly used, including FITC (fluorescein isothiocyanate), carboxylates and succinimidyl esters.

**SWISS:**

N/A

**CAS:**

3326-32-7

CAS 号: 3326-32-7

分子式: C<sub>21</sub>H<sub>11</sub>NO<sub>5</sub>S

分子量: 389.38

MDL: MFCD00005063