

## anti- FITC antibody

### Product Information

|               |   |
|---------------|---|
| Catalog No.:  | FNab10891   |
| Size:         | 100µg   |
| Form:         | liquid  |
| Purification: | Immunogen affinity purified   |
| Purity:       | ≥95% as determined by SDS-PAGE  |
| Host:         | Rabbit  |
| Clonality:    | polyclonal  |
| IsoType:      | IgG   |
| Storage:      | PBS with 0.06% PC300 pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.) |

### 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. Anti-FITC antibodies can be used for isolating FITC labeled cells by magnetic microbeads based sorting, as well as removal of background signal. The antibody reacts with FITC but not the carrier protein.

### Immunogen information

|            |                            |
|------------|----------------------------|
| Immunogen: | FITC conjugated to KLH     |
| Synonyms:  | Fluorescein Isothiocyanate |

### Application

|                       |                         |
|-----------------------|-------------------------|
| Reactivity:           | FITC                    |
| Tested Application:   | ELISA                   |
| Recommended dilution: | 0.5-1.0 µg/mL for elisa |

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