

## Fluorescein Isothiocyanate (FITC) Antibody

Catalogue No.: abx240271

Fluorescein Isothiocyanate (FITC) Antibody is a Goat Polyclonal antibody for the detection of FITC.

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.

**Target:** Fluorescein Isothiocyanate (FITC)

**Clonality:** Polyclonal

**Reactivity:** General

**Tested Applications:** ELISA

**Host:** Goat

**Recommended dilutions:** ELISA: 0.5-1 µg/ml. Optimal dilutions/concentrations should be determined by the end user.

**Conjugation:** Unconjugated

**Immunogen:** FITC conjugated to KLH

**Isotype:** IgG

**Form:** Liquid

**Purity:** ≥ 95% (SDS-PAGE)

**Purification:** Purified by immunogen affinity chromatography.

**Storage:** Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

**Validity:** 12 months.

**Buffer:** PBS, pH 7.4, containing 0.06% Proclin-300.

# Datasheet

Version: 2.0.0

Revision date: 07 Apr 2025



**Concentration:** 2 mg/ml

**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only